

Since 1954

# GRASS & GRAIN<sup>®</sup>

Published by **AG PRESS**

57th Year

No. 41

December 4, 2012

\$1.00



## Kansas Wheat Innovation Center new home for Kansas wheat farmer



Landscaping outside the boardroom includes a demonstration wheat plot which has benefited greatly from the lawn irrigation system.

10,000 sq. ft. of greenhouse space, including one air-conditioned room, will allow wheat to be grown all year. Using doubled haploid technology, new varieties will be in the hands of growers in almost half the time.

**By Donna Sullivan, Editor**

Completing the circle of a premier wheat complex in the nation is the new Kansas Wheat Innovation Center nearing completion on Kansas State University.

“With the addition of the Kansas Wheat Innovation Center, you have the whole circle of wheat from genetics in this new facility to processing in the existing flour mill and the new feed mill being added, the value-added building next door, and then the International Grains Program Center for marketing across the street,” described Aaron Harries, director of Marketing for the Kansas Wheat Commission. “So this whole place is really one of a kind in the world. It was before this building was here, but now when we have international markets, domestic markets and industry, you really have the whole story that you can tell in this place.”

The 35,000 sq. ft. KWIC includes 10,000 sq. ft. of office space, 15,000 sq. ft. of laboratory facilities and 10,000 sq. ft. of greenhouse

space. Along with housing the Kansas Wheat Commission and Kansas Association of Wheat Growers, it will also be home to the Kansas Wheat Alliance, Kansas Foundation for Ag in the Classroom and Heartland Plant Innovations. “It’s the new home for the Kansas wheat farmer,” said Harries. “We’ve never really had a home before, just leased office space. The commissioners decided to take a bigger step and instead of building an office space, build something that’s going to advance the wheat industry in Kansas.”

The concept for the Kansas Wheat Innovation Center was born about five years ago as the Kansas Wheat Commission and Kansas Association of Wheat Growers responded to the wishes of producers who indicated that research is their top priority. Including the building and all of

the equipment, it is roughly a \$10 million project, which will be about 80% funded by wheat checkoff dollars. The checkoff was increased in 2009 from one cent per bushel to one and a half cents and the Kansas Wheat Commission increased their research budget by over one-third. They also received a \$2-2.5 million grant from the Kansas Bio Science Authority as well as funding from the U.S. Department of Commerce Economic Development Agency.

“The ultimate goal of the center is to get better tools into the wheat farmer’s hands in less time,” Harries said. By employing doubled haploid technology, the twelve years that it normally takes to develop a new wheat variety can be cut by nearly half.

The advanced breeding services lab will also include a doubled haploid lab, molecular biology lab, seed lab



The center features several walk-in growth chambers and cold storage rooms that will soon be filled with plants.

and plant transformation lab as well as walk-in growth chambers and cold storage

rooms. The greenhouse will include one air conditioned

room so that wheat can con-

tinue to be grown in the summer. They expect the green-

*Continued on page 3*

## Kasls present wreath to Gov. Brownback

**By Amy G. Hadachek**

The fresh scent from a genuine Scotch Pine Christmas wreath heralds the arrival of the holiday season and welcomes visitors to the governor’s mansion in Topeka. Just in time for the official kickoff to the 2012 holiday season in Kansas, Santa Claus arrived in a horse-drawn wagon at Cedar Crest at 11:00 a.m. Wednesday, the day before Thanksgiving. The aromatic pine wreath was presented to Gov. Sam Brownback, by the family that owns the Kasl Christmas Tree Farm in Belleville. Owner Mike Kasl carefully selected the pine, and handcrafted a wreath that was delivered to Brownback by Kasl’s son Scott, as well as grandson Tyler, who’s also very involved in his grandfather’s Christmas tree business.

This was the seventh year of a wreath presentation to the Governor’s Mansion.

“It meant a lot more this year, because I was representing my grandpa, since he wasn’t there. It’s always fun being there being with all the other growers. Everyone’s excited before the season starts,” said Tyler, 17, a senior at Republic County Junior/Senior High School in Belleville. His grandfather, who is awaiting surgery in early December, stayed back at their Belleville farm, working with their team to produce nearly 1,200 handmade wreaths during this season.

Tyler said it was an honor being with the governor.

“The governor was interested in the type of wreath we made,” said the young

Kasl. “He was smiling and happy when we presented the wreath to him.”

In addition to the wreath offering, Santa delivered a ‘live’ Christmas tree to be displayed at the governor’s residence. Last year, there had been a snag, when it was initially determined that a ‘live’ tree couldn’t be displayed at Cedar Crest, due to a fire code. However, Kasl noted that Brownback has since determined that mandate actually only applied to commercial locations, and that a ‘live’ tree can indeed be displayed at the governor’s residence.

“I think the governor’s presentation of the tree and wreath each year is a great way to kick off the holiday season, and let everyone know the season is right around the corner. We feel it’s a great honor at any



Tyler Kasl presents a wreath to Gov. and Mrs. Sam Brownback. Also pictured is Eldon Clawson, President of Kansas Christmas Tree Growers Association from Wakarusa.

*Photo by Courtney Kasl*

time to go to the capitol to be part of it,” said Mike Kasl.

The special visit to Topeka also included transporting a 14-foot-tall Christmas tree to be majestically dis-

played at the Kansas State Capitol.

The Kasl family grows Scotch Pine Christmas trees and designs and crafts the wreaths at their farm in Republic County.



In the past week I have been from northeastern Kansas to south central Kansas and my official diagnosis is that it is really, really dry. I think that astute observation might be enough to get me a job as a weatherman. All kidding aside, this drought is getting to levels that most if not all of us have never seen before. On top of that there seems to be no relief in sight.

I have also seen in recent days that the local PBS station has been showing a documentary about the Dust Bowl. I would really like to have seen the program but I just haven't been able to watch TV when it was on and I cannot seem to program the DVR to record it. It would be interesting to see how close we are coming to being in the same weather pattern.

My guess is that we are fairly close to having another Dust Bowl. I know temperature levels have reached all-time sustained records and we are somewhere around 11 inches short of rain for the year. I also know that my friends in western Kansas have been mired in this drought for a couple of years longer than we have. All of this leaves people wondering if we are headed into another Dust Bowl. I would contend that we may be right in the middle of it.

Oh, there have been some pretty bad dust storms recently in western Kansas but nothing like they had in the 1930s. So if we are in the second, third or even fourth year of record highs coupled with drought-like conditions why are we not seeing Dust Bowl conditions? The answer is because we learned from our mistakes in the Thirties and modern agriculture does an incredible job of conserving top soil.

Agriculture in the Thirties viewed the topsoil as a never-ending commodity; the soils were too deep and rich to ever disappear. We were also in an era of needing to increase our agricultural output, so we plowed every available acre. Little thought was given to soil conservation; after all, why conserve a never-ending resource?

Well, we found out why. Years of not worrying about leaving residue on the top of the soil led to soil erosion from wind and water. Soon the

less productive sub-soil was left exposed and it did not allow the crops to grow as well and leave as much residue. Without the residue the exposed soil was more at risk. A series of dry years exacerbated the situation and the Dust Bowl was born.

Fast forward to now. We are just as dry and the drought has lasted just as long. What is the difference? We have adopted no-till and reduced till farming practices. We leave residue on top of the soil to buffer the wind and absorb the rainfall. The resulting organic matter leaves the soil healthier. We have learned how to preserve our precious topsoil and even build it back to levels near that of the unplowed prairie. We have been able to do all of this because of the new technology developed in the past couple of decades. New technology like the much maligned genetically modified organisms or GMOs coupled with a better knowledge of the soils. In short, Round-up Ready® crops may be what have prevented a Dust Bowl this time around.

GMOs have allowed us to control weeds while not disturbing the soil and leaving organic matter and residue in place. I know we all know that, but this is the time that we all need to be telling the public about GMO crops and how they save our soil. Instead we allow other people to speculate about problems GMO crops might create sometime in the future when the reality is that they are saving our environment and helping us feed a growing world population. The truth is that all of us in agriculture from the scientists to the farmers have prevented a Dust Bowl.

The only group of people that I can see GMO crops causing problems for are the documentary film makers who will not get to produce a film about the second Dust Bowl. To them, I apologize. However, we are facing a never-before-seen combination of record heat and terrible drought conditions without the terrible dust storms of the Thirties. All the while we are still producing a crop (yes, a reduced crop, but still a crop); that is just another reason I am so proud to be one of the many proud farmers and ranchers raising the food we all need.



By John Schlageck,  
Kansas Farm Bureau

Now that we've celebrated Thanksgiving and Christmas is just around the corner, many folks will be selecting their annual tree to adorn their apartment or home.

It's been said many times before and will be repeated again and again, "A traditional Christmas begins with a real tree."

Most of us buy a particular kind of tree based on family tradition. If we grew up with a spruce, we buy a spruce tree. If our family had firs, we buy firs. If we cut a cedar out of the pasture, chances are we still cut a cedar out of the pasture and bring it into our house for Christmas.

When I was a youngster my family only considered one option when buying a Christmas tree – a real pine or fir tree. That all changed when a U.S.-based toilet bowl brush manufacturer, the Addis Brush Company, created an artificial tree from brush bristles. Hence, the prototype for modern artificial trees.

Today, some people feel guilty about cutting down a new tree each year. They feel better buying an artificial tree they can use over and over. Cost, convenience and environmental impact are other reasons consumers opt for an artificial tree.

Given the current economic climate, artificial trees may be especially appealing for their investment value when compared with the recurrent, annual expense of a real Christmas tree. Their convenience is also appealing to consumers as they don't need watering, don't leave pine needles all over the floor and transportation from tree farm to home isn't an issue.

That said, real trees are a renewable, recyclable resource. While artificial trees contain nonbiodegradable plastics and metals, real Christmas trees provide the oxygen for millions of people.

A single farmed tree absorbs more than 1 ton of CO<sub>2</sub> throughout its lifetime. With more than 350 million real Christmas trees growing in U.S. tree farms alone, you can imagine the yearly amount of carbon sequestering associated with the trees. Additionally, each acre of trees produces enough oxygen for the daily

needs of 18 people.

This year, approximately 33 million American families will celebrate the holidays with the fragrance and beauty of a real Christmas tree. There are approximately one million acres in production for Christmas trees.

The top Christmas tree producing states are Oregon, North Carolina, Pennsylvania, Michigan, Washington and Wisconsin. The top selling Christmas trees are the balsam fir, Douglas fir, Fraser fir, Noble fir, Scotch pine, Virginian pine and white pine.

More than 100,000 people are employed full or part time in this industry that pumps \$1 billion into the U.S. economy.

While it can take as many as 15 years to grow a tree of

## Prairie Ponderings

By Donna Sullivan

Last Wednesday, as I wrote the front page story and gathered copy for this week's issue, it was quite hard to concentrate. Just a few blocks away, my daughter was in the hospital giving birth to our fourth grandchild – a little girl they named Mattie after my husband's mother. Turns out my genetics didn't get passed down when it came to being an "easy-calver." She spent more than 36 hours in labor compared to the ten I spent with my first baby. I don't find comparing myself to a cow nearly as offensive as I used to when my oldest son did it. He claims that the reason his younger brother is taller than him is because he was born to a first-calf heifer while his brother

had the benefit of coming from a mature cow. Yeah, I really didn't see the humor in that for quite some time.

Anyway, little Miss Mattie seemed determined to arrive on her own schedule, which could be better than a blood test when it comes to proving lineage. There are a few members of her extended family, who shall remain nameless, who have deemed clocks an unnecessary societal evil and skate through life on a razor-thin edge of potential tardiness.

One thing is certain, though. Early, late or right on time, she will be a cherished member of this crazy group known as her family. She's got a grandpa and uncles to teach her about life in the country, even if she remains a city girl all her life. She's got aunts whose interests range from deer hunting to sports to fashion, and cousins to discover the world with. And then there's me – a grandmother with virtually no practical skills whatsoever who will teach her to draw and write and whip all the area coyotes into a frenzy by playing the violin on the front porch. Throw in all the lessons her parents have for her, and she should be one very well-rounded young lady. Or really, really confused. Only time will tell, I guess. But one thing is for sure – she will be loved.

Welcome to the family, Mattie Elizabeth.

## COWPOKES® By Ace Reid



"Every year some of these hunters have to find out the hard way there's a difference between wild turkeys and buzzards."



785-539-7558  
Fax 785-539-2679

Editor — Donna Sullivan  
gandgeditor@agpress.com

— Advertising Staff —  
Steve Reichert • steve@agpress.com  
agpress2@agpress.com

### 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.

MEMBER OF  
Associated Press

www.grassandgrain.com

average height (six feet), the average growing time is seven to ten years.

The secret to keeping a Christmas tree alive and healthy when you bring it into your home is to make a fresh cut on the bottom of your tree. When you place the tree in your stand make sure it has plenty of water.

While you can spend money on additives that claim to keep the tree fresh,

forgo the expense and just add fresh water every day. Nothing works better.

As far as choosing a particular tree, pick a tree you like.

Beauty is in the eye of the beholder. Everyone has an opinion on what tree is the best. I like them all – firs, spruce, pine – the important thing is that the trees are watered after you cut them. That will keep the

color looking rich and the tree looking beautiful.

So whatever tree you choose, real or artificial, have fun finding the perfect one for your family.

*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.*

## Kansas Wheat Innovation Center new home for Kansas wheat farmer

Continued from page 1

house to be operational by January 1.

A hallmark of the office space is a large boardroom with a sliding wall that opens to a restaurant-grade test kitchen. The room will be available to groups for meeting and educational purposes.

Also to continue advancing wheat research, the Kansas Wheat Commission Research Foundation has been established. Donors to the Foundation can receive naming rights to some of the rooms in the Kansas Wheat Innovation Center. Gifts are

tax deductible and all of the money goes towards wheat research. To date they have over \$1 million in pledged commitments to the Foundation, which Harries says is important, given the continued decline in government funding for research. "None of that money goes towards bricks or mortar for the building," he emphasized. "It goes strictly for wheat research." Anyone interested in donating to the Kansas Wheat Commission Research Foundation can visit [www.kansaswheatresearch.org](http://www.kansaswheatresearch.org) or phone 1-866-75-WHEAT.

Harries says that the

response to the project from producers has been overwhelmingly positive. "They're happy to see us doing this, taking that next step, because they've seen the benefits to their business with the advanced technology in corn and soybean seed and what that's done for them," he said. "There's a lot of tradition for wheat in this state."

"That's why we say 'Kansas Wheat Farmers Investing in Their Future,'" Harries concluded. That's what they're doing. They're stepping up and putting some of their own money back into their industry."

## Frontier Christmas Celebration to be held at Kaw Mission State Historic Site

The Kansas Historical Society has announced that Kaw Mission State Historic Site will host a frontier Christmas celebration 6:30 – 8 p.m. Thursday, December 6. Caroling and decorations reflect 19th century holiday traditions. The CG Singers from Council Grove Elementary School will sing traditional carols at 6:45 p.m. Refreshments provided. Admission is free. Kaw Mission is located at 500 N. Mission Street, Council Grove.

This event is co-sponsored by the Kansas Historical Society and the Friends of Kaw Heritage, Inc. For more information, call 620-767-5410, or visit [kshs.org/kaw\\_mission](http://kshs.org/kaw_mission).

Kaw Mission State Historic Site is one of 16 state historic sites operated by the Kansas Historical Society.



### Smart Ag Decisions Today Mean Greater Success Tomorrow.

Union State Bank's family of banks offers area farmers long-term, fixed-rate real estate loans. This special program opens the door for expanding facilities or to simply refinance a higher-rate mortgage. With today's historic, low interest rates, the cost savings can be significant, and at Union State Bank you will also enjoy long-standing traditions of ag lending expertise, responsive service and comprehensive financial solutions.

Call one of our Ag lending professionals. Your bright tomorrows begin today.

### Union State Bank

Bank of Atchison Bank of Gower Bank of McLouth

<b>Everest</b> 545 Main St. 785-548-7521	<b>Horton</b> 301 E. 15th St. 785-486-3711	<b>Bank of Atchison Branch</b> 701 Kansas Ave. 913-367-2400	<b>Bank of Gower Branch</b> 321 Hwy. 169 S. 816-424-6476	<b>Bank of McLouth Branch</b> 117 S. Union 913-796-6133
--	--	---	--	---



The bank you feel comfortable with.



## 129 ACRES McPHERSON COUNTY CROPLAND

# AUCTION

TUESDAY, DECEMBER 18 — 2:00 PM  
Auction location: Holiday Inn Express, 2302 E. Kansas Ave.  
McPHERSON, KANSAS

SELLERS: CLAUDE WOODARD, ROBERT WOODARD, GLORIA BOYETT

**LEGAL DESCRIPTION:** (Abbreviated) NW1/4 Section 11, Township 19S, Range 4, West of the 6th PM, except for a tract in the NW corner, all in McPherson Co., KS. Consisting of 129.27 taxable acres.

**TAXES:** \$1,008.34

**MINERALS:** Seller's mineral rights transfer to the buyer. There is no production on the property.

**DIRECTIONS TO PROPERTY:** From the west edge of McPherson, KS, at the junction of Hwy 56 and 81 Bypass; Go north sixth-tenths of a mile on 81 Bypass to 13th St. Then eight-tenths of a mile north on 13th to Moccasin Rd. Then 2 miles west on Moccasin Rd. to 11th St. and north 2 miles on 11th to Navajo Rd. Then travel west on Navajo Rd. one-half mile to property on south side of paved county road.

**PROPERTY DESCRIPTION:** 129.27 acres of ag land is currently planted and leased for the 2013 wheat crop. The soils are Crete silt loam 0-1 % slope and Crete silt loam 1-3% slope. These are deep, good tilth and high water capacity soils that are excellent for row crop production. These soils are also great for today's modern ag equipment with almost level fields and with slow run-off. The property is not fenced, but has great access with county roads on two sides. Navajo Rd. is a paved county road.

FSA CROPLAND INFORMATION:	Base Acres	Payment Acres	Direct Yield
Grain Sorghum	7.3	6.2	53
Wheat	113.3	96.3	33
Total Payment = \$1,767.00			

**RICK GRIFFIN**  
Broker/Auctioneer  
Cell: 620-343-0473  
**CHUCK MAGGARD**  
Auctioneer  
Cell: 620-794-8824

**Griffin Real Estate & Auction Service LC**

Email: [griffinrealestate@sbcglobal.net](mailto:griffinrealestate@sbcglobal.net)  
[www.GriffinRealEstateAuction.com](http://www.GriffinRealEstateAuction.com)

Office:  
305 Broadway  
Cottonwood Falls, KS 66845  
Phone: 620-273-6421  
Fax: 620-273-6425  
Toll Free: 1-866-273-6421

In Office:  
Nancy Griffin, Heidi Maggard



# AUCTION

SATURDAY, DECEMBER 8 — 10:30 AM  
Herington Community Building, HERINGTON, KS  
on South Broadway.













**START AT 10:30 AM on TOOLS & GARDEN EQUIPMENT**  
Like new Toro ZX 5400 zero turn riding mower; Poulan push mower; Quantum 2 wheel front string mower; 4 wheel garden wagon; lots of garden tools and supplies; sledges, bars, tire irons, wrenches, shovels, axes, socket sets, jack stands, mauls, wood and steel drill bits, battery drills; shop table top grinder; Craftsman 5 drawer tool box; aluminum and wooden step ladders; tool boxes; plastic gas cans; Homelite chain saws; Powercraft 10" radial arm saw; Handyman jack; misc. coolers; galvanized cans; milk cans; wash tubs; air bubble; windmill jack; lawn and patio stack chairs; patio bench; croquet set; lots of fishing poles and bait buckets; 16' aluminum boat; come-alongs; horse shoes; shop vac; misc. hand saws; mail box; tool boxes and misc. extension cords; misc. flashlights; misc. pens, pencils, staplers, clips, etc.

**FURNITURE & HOUSEHOLD**  
Glass top new Kitchen Aid electric stove; Sharp microwave; matching Maytag washer-dryer; 4 legged newer plastic wash stand; misc. kitchen flatware, utensils, cooking sheets, Pyrex, mixers, pots, pans, roasters, crock-pots, pie plates; rolling pins, cookie cutters, butcher knives, drinking glasses; serving sets; punch bowl, dipper & cups; cookie jars; salt and peppers; Walt Disney glasses; ice bucket with drink shaker mixer; misc. shot glasses; soup bowls; large turkey serving tray; lots of cookbooks; porcelain chain dishes; sewing machine; card table and chairs; misc. chairs; 2 drawer metal file cabinet; 3 single beds; 3 piece bedroom set; 4 poster bed; matching dresser and chest of drawers; 3 door bed stand; lamp tables and lamps; flower stands; 1 foot square porcelain floor tile, tan color, 10 boxes and more; dropleaf table; 2 china cabinets; large sofa, matching loveseat; lots of pillows; large coffee table; new leather recliner; rocking chair; corner entertainment center and Emerson TV with VCR; lots of video tapes; small RCA TV; wall clocks, plaques, pictures and picture frames; 2 swivel wood bar stools; granite canners and green and clear fruit jars; stereo and LPs; lots of misc. Christmas items; blankets, sheets, pillows, towels.

**MISC. RAILROAD, PRIMITIVE TOOLS & COLLECTIBLES**  
Old tools; coal bucket; shoe last; bow saw and 2 man saws; hand wash stomper; corn sheller part; ice skates; wringer washer; wooden pulley; old rocking chairs; several quilts; dolls and doll clothes; old games and books; toys and toy boxes; 3 old wood school desks; old foot pedal stone sickle sharpener; Gold Medal cream separator; wooden console radio; wood baby high chair; trunk; barn lanterns; CI scale arm; CI bean pot; 5 gallon Red Wing crock; 3 gallon Blue Leaf; 3 gallon salt glazed; Western crock jug; 3 other small crocks; Lone Wolf Looking Right picture; old eye glasses; old metal trunk; solid core doors and French doors; writing desk; wooden ice box; CI Palace Peninsular wood stove; smaller CI wood stove; antique bicycle frame; round oak table; ceramic top kitchen table; misc. other old furniture; wicker seat and back rocker; Colt revolver belt buckle; Way-Rite household scale; Weller vase, handle cracked; cowboy boot mugs; Coca Cola pitcher, crock pitcher, Coors pitcher and glass pitcher; Colonial China 1971 Jayhawk Liquor bottle; 12 plus liquor decanters combo muscle boxes; some marked sterling and silver, silverware; Fordson tool box; AT&SF switch light; misc. RR paper; Mason Machine Works train; 2 Tyco Rock Island train sets in box; old metal engineers trunk.

**TERMS:** Statements made day of auction take precedence over printed material. Not responsible for accidents.

**SELLER: VELMA HUMBERGER ESTATE**  
BOB'S AUCTION SERVICE, AUCTIONEERS • 785-258-4188  
Dave Bures, 402-766-3743 • Lee Holtmeier, 785-747-7007  
Clerk/Cashier: Bob's Auction Service • Lunch by Burdick Relay For Life

Click on [ksallink.com](http://ksallink.com)

# 2012 Grass & Grain Holiday Recipe Contest

## This Week's Holiday Contest Prize Goes To Roni Caffrey, Hesston

Winner Roni Caffrey, Hesston: "You won't need another toffee recipe after trying this one! This makes great teacher, friend and neighbor gifts when packaged in small bags!"

### PEANUT BUTTER TOFFEE

- 2 cups peanut butter chips (divided)
- 1 3/4 cups sugar
- 3 tablespoons light corn syrup
- 3 tablespoons water
- 1 1/2 cups butter
- 1 1/2 cups coarsely chopped salted dry roasted or party peanuts
- 1/2 cup milk chocolate chips

Grease a 15-by-10-by-1-inch jelly roll pan with butter. Sprinkle on 1 cup of the peanut butter chips, spreading evenly around the pan. Set aside. In a heavy saucepan, bring sugar, corn syrup, water and butter to a boil over medium heat, stirring constantly. Cook and stir until butter is melted. Cook without stirring until candy thermometer reaches 300 degrees (hard crack stage). Remove from heat and stir in peanuts. Quickly pour onto prepared pan over peanut butter chips. Sprinkle with chocolate chips and remaining peanut butter chips. Gently spread with a knife after the chips have melted, frosting the entire surface. Cool completely before breaking into pieces. If desired, you can sprinkle on additional nuts before the frosting sets. Yield 2 1/2 pounds.

Melissa Byrd, Independence, Mo.:

### SAUSAGE & POTATO BITES

- 1 pound sausage
- 2 cups frozen hash brown potatoes, thawed
- 1 cup Parmesan cheese
- 2 tablespoons sage
- 1 teaspoon salt
- 1/2 teaspoon pepper

Preheat oven to broil. In large bowl combine sausage, hash browns, cheese, sage, salt and pepper. Form

sausage mixture into small patties, about 1/4 cup each. Place on rimmed baking sheet and broil for 10 minutes or until browned and cooked through.

\*\*\*\*\*

Karen Lundberg, Frankfurt: "This is an easy sandwich to make for any holiday party."

### MINI HAM & CHEESE ROLLS

- 2 tablespoons dried minced onion

- 1 tablespoon prepared mustard
- 2 tablespoons poppy seeds
- 1/2 cup butter, melted
- 24 dinner rolls
- 1/2 pound chopped ham
- 1/2 pound thinly sliced Swiss cheese

Preheat oven to 325 degrees. In a small bowl, combine onion flakes, mustard, poppy seeds and butter. Split each dinner roll. Make a sandwich of the ham and cheese and the dinner rolls. Arrange the sandwiches on a baking sheet. Drizzle the poppy seed mixture over the sandwiches. Bake for 20 minutes, or until cheese has melted. Serve these sandwiches warm.

\*\*\*\*\*

### Lori Gerleve, Washington: APPLE CINNAMON COFFEECAKE

#### Batter:

- 1 yellow cake mix (dry)
- 1 can apple pie filling
- 1/2 can of water (use pie filling can)

#### 3 eggs

#### Topping & Center:

- 1/4 cup sugar
- 2 teaspoons cinnamon

Mix cake mix with the pie filling; add the water & eggs and mix well. Coat a 9-by-13-inch pan with nonstick spray. Pour 1/2 the batter into pan. Sprinkle 1/2 the topping; repeat with remaining batter and finish with the last 1/2 of the cinnamon and sugar. Bake at 350 degrees for 40-45 minutes.

\*\*\*\*\*

Gin Fox, Holton: "This recipe uses a whole can of

pumpkin. Loaves of this bread are also great for homemade gifts."

### PUMPKIN CHOCOLATE CHIP BREAD

- 1 cup margarine (or 2 sticks) at room temperature
- 2 cups sugar
- 4 large eggs at room temperature
- 3 1/2 cups flour
- 2 teaspoons baking soda
- 1 teaspoon salt
- 1 teaspoon nutmeg
- 2 teaspoons cinnamon
- 1/2 teaspoon ground cloves
- 1/2 teaspoon ginger
- 1 1/2 cups pumpkin (or one 15-ounce can)
- 1 bag chocolate chip morsels
- Non-stick spray
- 2 loaf pans

Preheat the oven to 350 degrees. In one large bowl, combine the margarine, sugar and eggs - this is the "wet mixture." A wooden spoon works best for this. In another bowl, combine flour, baking soda, salt, nutmeg, cinnamon, cloves and ginger - this is the "dry mixture." Mix a third of the dry mixture in with the wet, then add a third of the can of pumpkin. Continue with another third of the dry and pumpkin until everything is combined into one bowl. Make sure everything is mixed well. Stir in the chocolate chips. Split mixture into 2 loaf pans sprayed with cooking spray. Bake at 350 degrees for 70 minutes. Remove from pans after about 10 minutes and let them cool for about half an hour before cutting slices to serve.

\*\*\*\*\*

Rose Edwards, Stillwater, Okla.:

- CRANBERRY BROCCOLI SALAD
- 1 1/4 cups cranberries, halved
- 2 cups broccoli florets
- 4 cups cabbage, shredded
- 1 cup walnuts, coarsely chopped
- 1/2 cup raisins
- 1 small red onion, finely chopped
- 8 slices bacon, crisply cooked & crumbled
- 1 cup mayonnaise
- 1/3 cup sugar
- 2 tablespoons cider vinegar

Combine first 7 ingredients; toss well. Combine remaining ingredients, stirring well with a whisk. Drizzle mayonnaise mixture over cranberry mixture and toss to coat. Cover and refrigerate for up to 24 hours.

\*\*\*\*\*

### Gale Rathbun, Webber: "Kids love this." CRAZY CRUST PIE (MAIN DISH)

#### Crust:

- 1/2 cup flour
- 1/4 cup solid shortening
- 1/2 teaspoon salt
- 1/2 teaspoon baking powder
- 1/2 cup sour cream
- 1 egg

#### Meat filling:

- 1 pound ground beef, browned & drained
- 1 teaspoon salt

- 1/4 teaspoon garlic powder
- 1 teaspoon oregano
- 6-ounce can tomato paste
- 1/2 cup chopped onion
- 1 1/2 cups shredded mozzarella cheese

Combine ingredients for crust in a bowl and stir until blended but still slightly lumpy. Spread thinly on bottom and more thickly up sides of lightly greased 9-inch pie pan. Prepare meat filling by combining all ingredients except cheese. Mix thoroughly. Spoon onto crust. Bake 20 to 25 minutes until crust is light golden brown. Sprinkle with cheese and bake 5 minutes more. Let set 5 minutes before serving. Crust can be prepared and stored in refrigerator up to 12 hours before filling and baking.

\*\*\*\*\*

Beth Scripter, Abilene: "Here is something quick and easy for a party! You won't have any leftovers!"

### MEATBALLS

#### IN THE CROCK-POT

- 5 lbs. meatballs (buy them frozen)
- 2 jars chili sauce
- 2 cans jellied cranberry sauce

Put all ingredients in the crock-pot and let simmer for several hours on low.

\*\*\*\*\*



Currently accepting cows, steers, heifers & replacement heifers.

Located in an area where there is a good quantity of roughage & grains!

- ★ Starting Backgrounding & Finishing Available.
- ★ Have Several Marketing Options Available.
- ★ Feed & Cattle Financing Available.



Contact us for all your Cattle Feeding Needs!

Joe W. Strnad  
785.527.0164

Bryan Brown  
785.527.1165

## HOMELAND INSULATION

**Spray Foam Specialist**

Travis Turner  
homelandinsulation@yahoo.com

**Lower Your Utility Bill "Guaranteed"**

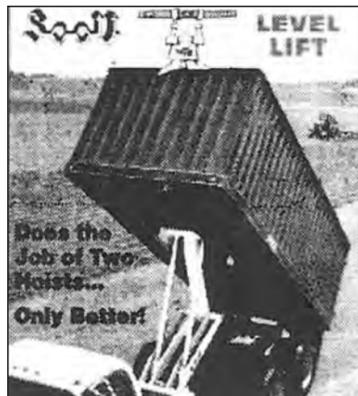
Metal Buildings  
Commercial Buildings  
New & Existing Residential

**913-449-9579**



**DISTRIBUTORS FOR:**

- Scott, Obeco, Knaphelde and Reiten Grain Bodies
- Shur-Lok Roll Tarps
- SRT 2 Roll Tarps
- Pickup Roll Tarps
- Aulick and Scott Tapered Silage Bodies
- Aluminum Pickup Beds
- Tool Boxes
- Frame and Driveshaft Lengthening, Shortening and Repair.



**JOHNNY'S WELDING**

1901 S. 6th (South U.S. 77 Highway)  
402-223-2384 Beatrice, Neb.



## IRONWORKS WELDING & FABRICATION

620-515-WELD Independence, KS

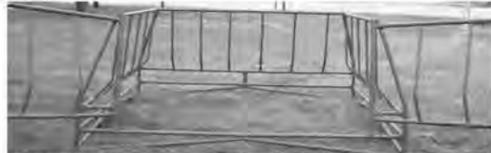


**LOAD THE ORIGINAL WITH A TRACTOR OR DEWEZE STYLE BED**

These are **PROVEN & GUARANTEED** Hay Saving Feeders. Many Styles in Stock For Cattle And Horses.

**IRONWORKS HAY FEEDERS**

**SAVE HAY! SAVE TIME! SAVE MONEY!**



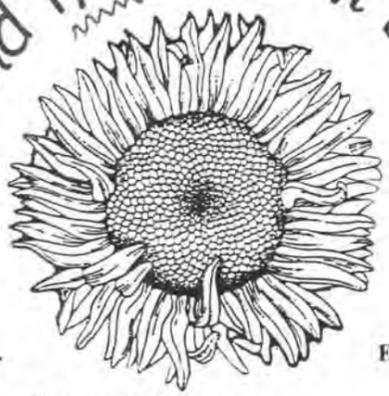
Load this new gate feeder with your truck hay spear

**620-515-(WELD) 9353**

**www.ironworksweld.com**

**Delivery Available!**

Send KANSAS Gift Boxes!



Open 9am-7pm Every Day!

**Kansas Deluxe Gift Box** ..... \$27.99  
Alma Cheddar Cheese, Summer Sausage, Sunflower Seed Cookies, 2B Kansas Honey, Nut Nation Pistachios!

**Simplicity Gift Box** ..... \$19.99  
Alma Cheddar Cheese, Summer Sausage, Nut Nation Flavored Pistachios, Jack's Snacks, & Topsy's Popcorn!

**K-StateTailgate Box** ..... \$29.99  
Laurie's Cheeseball Mix, Wildcat Jelly, White Chilli Mix, Purple/White Wildcat Popcorn, & Monterey Jack Cheese.

Online—www.EastsideandWestsideMarkets.com

**Call toll free 866-776-8111**

Eastside & Westside Markets

E Hwy 24 near Mall or W K18 by Briggs in Manhattan

## G&G Announces Its Annual Holiday Recipe Contest

**Nov. 20 through Dec. 18**

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

Recipes received NOW through DECEMBER 12 will be entered in the holiday contest. Enter as often as you like during this period.

### EXPANDABLE HOT/COLD FOOD CARRIERS

- The lower section is insulated with a mylar lining that holds in the heat or cold.
- This Red Snowflake carrier accommodates hot casserole dishes or chilled items measuring up to 15" x 11".
- Undo the zipper and fold out the upper level to carry an additional casserole item.



**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. 18.

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@aggress.com

# 2012 Grass & Grain Holiday Recipe Contest

Margaret Trojan, Beaver Crossing, Neb.: "Can be a salad or dessert. Easy and pretty in clear bowl."

### GRAPE SALAD

2 to 4 pounds seedless grapes, red, green & black or all one color (green & red are nice for Christmas)  
1/2 cup brown sugar  
1/2 cup whipped topping  
1 cup sour cream  
1 small package slivered or pieces of almonds  
Wash and drain grapes. Mix the brown sugar, whipped topping, sour cream and almonds then add grapes.

\*\*\*\*\*

Eileen Patrick, Lindsborg: "Happy snacking. This is a tasty and easy snack mix."

### FALL

#### SNACK MIX

1 bag microwave popcorn  
1 cup Honey Nut Cheerios  
1 cup Chex cereal (your favorite)  
3/4 cup salted peanuts  
1/2 cup Reese's Pieces  
Pop popcorn in microwave as directed. Cool slightly. Pour into large bowl, being sure not to include any unpopped kernels (unless you are married to a dentist). Add rest of ingredients in order. **DO NOT STIR.**

12-ounce package of white chocolate chips  
1 tablespoon Crisco (no substitute)  
Melt white chocolate chips and Crisco in microwave until melted and creamy. Pour over dry ingredients in large bowl and stir with large spatula. Pour out onto waxed paper. Let cool and break into desired size pieces.

NOTE: Use red and green M&Ms in place of fall-colored Reese's Pieces as a Christmas mix and add cranraisins.

\*\*\*\*\*

Lydia Miller, Westphalia: **HOLIDAY**

### CHEESECAKE PRESENTS

1 1/2 cups graham cracker crumbs  
1/3 cup butter or margarine, melted  
3 tablespoons sugar  
3 packages (8 ounces each) Philadelphia® Cream Cheese, softened  
3/4 cup sugar  
1 teaspoon vanilla  
3 eggs

Mix crumbs, butter and 3 tablespoons sugar; press onto bottom of 9-by-13-inch baking pan. Mix cream cheese, 3/4 cup sugar and vanilla with electric mixer on medium speed until well blended. Add eggs; mix until blended.

Pour over crust. Bake at 350 degrees for 30 minutes or until center is almost set. Cool. Refrigerate 3 hours or overnight. Cut into bars. Decorate bars with decorating gels and sprinkles to resemble presents. Store leftover bars in refrigerator.

\*\*\*\*\*

Pat Adams, Beloit: "The work is done the day before with the rolls rising in the refrigerator overnight."

### CINNAMON

#### BREAKFAST ROLLS

18.25-ounce package French vanilla cake mix  
5 1/4 cups all-purpose flour  
(2) 1/4-ounce envelopes active dry yeast  
1 teaspoon salt  
2 1/2 cups warm water (105 to 115 degrees)  
1/2 cup sugar  
2 teaspoons ground cinnamon  
1/2 cup butter or margarine, divided & melted  
1/2 cup raisins, divided (optional)  
3/4 cup chopped pecans, divided (optional)  
1 cup powdered sugar  
3 tablespoons milk  
1/2 teaspoon vanilla extract  
Stir together the cake mix, flour, dry yeast, salt and

warm water in a large bowl. Cover and let rise in a warm place (85 degrees), free from drafts for 1 hour. Combine 1/2 cup sugar and cinnamon. Turn dough out onto a well-floured surface; divide dough in half. Roll one portion into an 18-by-12-inch rectangle. Brush with half of butter; sprinkle with half of sugar mixture, half of raisins and 1/4 cup pecans. Roll up starting at long end; cut crosswise into (16) 1-inch thick slices. Place roll into a lightly greased 9-by-13-inch pan. Repeat procedure with remaining rectangle. Cover and chill 8 hours. Remove from refrigerator and let stand 30 minutes. Bake at 350 degrees for 20 to 25 minutes or until golden; cool slightly. Stir together powdered sugar, milk and vanilla; drizzle over rolls. Sprinkle with remaining pecans. Yield: 32 rolls. Prep time: 30 minutes. Rise: 1 hour. Chill: 8 hours. Stand: 30 minutes. Bake: 25 minutes.

\*\*\*\*\*

Millie Conger, Tecumseh: **CANDY CANE PUFFS**  
1/2 cup butter  
1 cup powdered sugar  
1 egg

LaVerna Hinkle, Manhattan: "Another good way to stretch a pound of hamburger."

### CREAMY

#### BURRITO CASSEROLE

1 pound hamburger  
1/2 onion, chopped  
1 package taco seasoning  
6 large flour tortillas  
16-ounce can refried beans  
2-3 cups shredded taco cheese or cheddar cheese  
10 3/4-ounce can cream of mushroom or chicken soup  
4 ounces sour cream  
Brown hamburger and onions; drain. Add taco seasoning and stir in refried beans. Mix soup and sour cream in a separate bowl. Spread 1/2 of sour cream and soup in the bottom of a casserole dish. Tear up 3 flour tortillas and spread over sour cream and soup mixture. Put 1/2 of the meat and bean mixture over that. Add a layer of cheese. Repeat the layer. Bake in a 9-by-13-inch pan, uncovered at 350 degrees for 20-30 minutes.

\*\*\*\*\*

**E&D Custom Silage**  
*Conveniently located in central Kansas*

- Claas 900 machine with K.P. and inoculant.
- 8 row head and pickup head.
- Support trucks and equipment.
- Dependable crew and equipment.

*Jobs of Any Size!*

Dustin TR. Cort  
620-635-0238 620-786-4646 620-786-5172

**INJECTION and TURBO, Inc.**  
*THE DIESEL SPECIALISTS*

- DIESEL FUEL INJECTION
- TURBO CHARGERS
- SALES & SERVICE

901 N.E. HWY. 24, SUITE 101, TOPEKA, KS 66617  
**785-233-4535/800-234-0719**  
FAX 785-233-6943

**PORTABLE CATTLE AND HORSE SHELTERS**

Will Custom Build To Your Needs

- Built on 4 x 4 x 3/16-inch square skids with chains for easy moving
- Frames are built on 3-inch square tubing, 3/16-inch wall thickness
- Purlins are made of 2-inch square tubing
- No. 1 Dura-shield Metal - choice of color and trim

**H & L QUALITY BUILDINGS, INC.**  
2404 26th Ave. • Central City, NE 68826  
Phone: 1-866-946-5212 (toll free) • Cell 402-694-8614  
hlqualitybuildings.com email: hlqly@yahoo.com

**SWIHART Sales Company - Mist Sprayers**  
American Made

We offer a complete line of low volume mist blowers. Excellent for spraying: cattle, vegetables, vineyards, orchards, nurseries, Christmas trees, mosquitoes, chicken houses, etc.

References available in your area

Swihart Sales Company  
Call for free brochure: 785-754-3513 or 800-864-4595  
www.swihart-sales.com 7240 County Road AA, Quinter, KS 67752

**Tree & Brush Free Ranch**  
WOLF Garten  
**MULTI-LEVER LOPPER**  
*Ideal for cutting cedar trees in pastures*

The Old Way The New Way

• Coated blade • Lightweight aluminum handles — 28 1/4 inches long for long reach. Weight 4.1 lbs. • Slicing cutting action • Special leverage for effortless cutting • Cuts branches and trees up to 2 inches thick.

**DICK'S RANCH SUPPLY**  
5562 Kiowa County Ave. 57, Belvidere, KS 67028  
1-800-201-2351

Corral Plans - \$5 + \$2.98 P&H  
Phone Orders Welcome  
ALL MAJOR CREDIT CARDS WELCOMED!  
Prices and Specifications subject to change without notice.

**The Magic of Christmas in Riley**

**Saturday, December 8**  
Riley County Grade School

Hours: 3-7

- Vendors w/Food • Crafts
- Home-Based Businesses

Lighted Parade: 6:00 PM  
Soup Supper: 5-7 PM  
Santa Comes at 6:30 PM

**Wick Buildings**  
Celebrating 50 Years  
A product of Wick Building Systems, Inc.

Wick Buildings is well known for our wide range of design options, from standard garages to unique structures designed to your specific needs.

**D.J. CARPENTER BUILDING SYSTEMS**

709 B PECAN CIRCLE  
MANHATTAN, KS 66502  
**(785) 537-9789**

408 CIRCLE ROAD  
SILVER LAKE, KS 66539  
**(785) 582-0530**

405 Walter Road - Mazomanie, WI 53560  
1-800-356-9682 - www.WickBuildings.com  
www.carpenterbuildings.com

**TIFFANY CATTLE CO., INC**

A Complete Cattle Feeding and Marketing Service  
**Tiffany Cattle Co.**  
Family Owned And Operated

With a 15,000 head capacity, Tiffany Cattle Company is large enough to have economics of scale but small enough to provide personal attention. Pen sizes range from 50 to 200 head. A computerized summary of feed, cattle processing, veterinary services and other costs are easily accessible on each pen of cattle.

**PRODUCTION SERVICES**  
*Objective is simply: Least Cost Per Pound of Gain!*  
Ration formulation and cost analysis, health program designed and maintained by veterinarian, special pens and attention to sick animals, feed financing, and cattle purchasing available.

**MARKETING SERVICES**  
Marketing finished cattle is top priority at Tiffany Cattle Company. You have the option of selling on the cash market, forward contracting or grid pricing through US Premium Beef.

- Risk management handled by Tiffany Cattle Company
- Locked commodity prices • Complete profit/loss statement for each pen
- All marketing decisions discussed with and approved by cattle owner
- Reward for your efforts in producing a quality product by selling your cattle on an industry competitive grid

**1333 S. 2500 Road, Herington, KS 67449**  
**Shawn Tiffany, Owner/Manager: 785-229-2902**  
**Shane Tiffany, Owner/Manager: 785-466-6529**  
**Office: 785-258-3721 • tiffanycaco@fhrd.net**

**Your Hassle Free Builder!!!**

**ADVANCED SYSTEMS HOMES INC.**

Building homes in Kansas, Northeast Oklahoma and Southwest Missouri for over 35 years!

- Custom Design & Floor Plans
- Contract Pricing (No Surprises)
- Family Owned & Operated
- On Time Construction
- Proudly Installing Uponor's Wirsbo Pex Plumbing Systems In All Our Homes

Over 2500 happy customers

**1-800-444-9652**

4711 S. Santa Fe, Chanute, KS 66720  
advancedsystemshomes.com

*Tell Us You Saw Us In Grass & Grain*

# 2012 Grass & Grain Holiday Recipe Contest

**Linda Kepka, Dorrance:**  
**MEAT LOAF**  
1 pound hamburger  
1/2 cup oatmeal  
1 egg  
1 teaspoon salt  
1/8 teaspoon pepper  
1/4 teaspoon garlic powder  
6 ounces tomato juice

Mix all ingredients together and form into loaf. Bake for 1 hour and 15 minutes at 350 degrees.

**Austin Weaver, Paola:**  
“These are a pretty red or green when baked. Look real nice on a Christmas cookie plate. Don't let anyone eat the dough while it is chilling — they will want to.”

**CHRISTMAS DOODLES**  
2 tablespoons red sugar  
2 tablespoons green sugar  
1 tablespoon cinnamon  
1 1/2 cups sugar  
1/2 cup shortening  
1/2 cup butter or margarine, softened

2 eggs  
2 3/4 cups all-purpose flour  
2 teaspoons cream of tartar  
1 teaspoon baking soda  
1/4 teaspoon salt

In a small bowl mix red sugar and 1 1/2 teaspoons cinnamon; set aside. In another small bowl mix green

sugar and remaining 1 1/2 teaspoons cinnamon; set aside. In a large bowl beat sugar, shortening, butter and eggs with mixer on medium speed. Stir in flour, cream of tartar, baking soda and salt. Cover and chill several hours or overnight (up to 24 hours). Heat oven to 400 degrees. Shape dough into 3/4-inch balls. Roll in sugar-cinnamon mixture. Place 2 inches apart on ungreased cookie sheet. Bake 8 to 10 minutes or until centers are almost set. Cool and remove from cookie sheet to wire rack. Makes about 5 dozen.

**Barbara Bausch, Mayetta:**  
“My daughter Jolene Huff, Canton, shared this luscious recipe. Very moist, needs no frosting and better the third or fourth day, if there is any left.”

**GERMAN APPLE CAKE**  
2 eggs  
1 teaspoon soda  
2 cups flour  
2 cups sugar  
1 cup salad oil  
1/2 teaspoon salt  
2 teaspoon cinnamon  
1 teaspoon vanilla  
1 cup pecans, chopped  
4 cups apples, peeled, sliced thin

**Glaze:**  
1/2 cup sugar  
1/4 cup buttermilk  
1 tablespoon corn syrup  
1/8 teaspoon soda  
1/8 teaspoon salt  
1/2 teaspoon vanilla  
1 tablespoon butter

Mix with spoon: flour, soda, salt and cinnamon. Set aside. Cream salad oil and sugar until sugar is dissolved. Add eggs one at a time, beating well after each addition. Add dry ingredients; stir well. Add vanilla, chopped nuts and sliced apples. Mix thoroughly. Bake in greased 9-by-13-inch pan or tube pan or (2) 8-inch layers. Bake at 350 degrees for 45 to 50 minutes.

**Glaze:** Combine ingredients and heat over low heat; stirring constantly. Boil 2 or 3 minutes. Pour over hot 9-by-13-inch cake while in pan. Cake is better when aged. Serves 12.

**Kellee Rogers, Topeka:**  
**CRANBERRY WHIP**  
8-ounce can crushed pineapple with juice  
4 cup mini marshmallows  
2 cups fresh cranberries, ground  
1 cup sugar  
2 cups whipped cream

Pour crushed pineapple with juice over marshmallows; let stand overnight. Mix cranberries and sugar; let stand overnight. In the morning combine all and fold in whipped cream.

**Lucille Wohler, Clay Center:**  
**CHEESY RANCH POTATO CASSEROLE**  
2 pounds frozen hash browns  
1/2 cup softened butter  
1/2 teaspoon salt & pepper  
1 can cream of celery soup  
1 pint sour cream  
2 cups shredded Cheddar cheese  
1 envelope Ranch dressing mix  
Corn Flakes

The soup, sour cream and Ranch dressing mix can be mixed together then add to other ingredients. If too dry, add a little milk. Put in a 9-by-13-inch pan sprayed with cooking spray. Top with crushed Corn Flakes. Bake at 350 degrees for 45 minutes.

**Annette Reilly, Abilene:**  
“The holiday season is upon us with many projects demanding our attention. Cold mornings are perfect for a cup of coffee with a slice of warm pumpkin bread. This is a quick microbaked pumpkin bread recipe that fits the bill.

If using home frozen or home canned pumpkin pulp, you may want to delete the water as it makes the batter too thin. Enjoy!”

**MICROWAVE PUMPKIN BREAD**  
1 cup applesauce (natural or no-sugar added)  
1 cup brown sugar, lightly packed  
1 1/2 cups granulated sugar  
3 large eggs (or 4 small)  
2 cups pumpkin pulp (15-ounce can prepared)  
2/3 cup water  
3 1/3 cups flour  
1/2 teaspoon baking powder  
2 teaspoons baking soda  
1 1/2 teaspoons salt  
1 teaspoon ground cinnamon  
1 teaspoon ground cloves  
1/2 to 2/3 cup dried cranberries (soften in microwave 10 to 20 seconds until slightly warm)

Stir applesauce and sugars together. Beat in eggs. Add pumpkin and water. Stir well. Sift together flour, baking soda, baking powder, salt and spices. Stir into pumpkin mix 1 cup at a time mixing well after each addition. Spray non-stick coating mix on 12-cup bundt-style microwave pan. Microwave at 30% power (1000 watt or higher oven) for 16 minutes. Ro-

tate and bake at 100% power 6 additional minutes. Remove from microwave. Cool 10 minutes in pan before turning out onto cooling rack or heat safe plate. Cool completely. May frost with a sour cream type product but not necessary. Best served warm the next day after spices blend. If using a small 8-cup pan, bake at 30% power for 12 minutes followed by 5 minutes on high. Extra batter can be used for cupcakes, filling a 6 hole microbake pan 2/3 full and baking 8 minutes at 30% and 30 seconds on high.

**Wilma McGeary, Salina:**  
**CHOCOLATE CHIP PIE**  
1/2 cup milk  
30 regular marshmallows  
1 package Dream Whip  
1 square baking chocolate, grated

Baked pie shell  
Melt milk and marshmallows in a heavy pan over low heat. Let cool completely. Mix Dream Whip according to directions. Whip with first mixture and add 1 square grated baking chocolate. Put in a baked pie shell and chill until ready to eat.

**NOTE:** Don't panic. This will set in 2-3 hours in refrigerator.

**Coaltrain**  
Insulation/Cellulose/Foam



Free Estimates

Rick Johnson, Owner 785-456-4301  
Wamego, KS 66547 (Toll Free) 877-456-7836

**CENTRAL KANSAS AG AVIATION, INC**



Call For All Your Cover Crop & Fall Spraying Needs!

STEVE DONOVAN Herington, KS  
Cellular: 785-366-0513 • Office: 785-258-3649

**GO GREEN!**



**CRITCHFIELD SPRAYFOAM INSULATION**

Polyurea Coatings • Roof Systems • Open and Close Cell  
Mark Critchfield: 785-363-2057 or 785-556-8086  
markcritchfield@sbcglobal.net

**SCREEN MACHINE SPORTS**  
Custom Embroidery & Screenprinting.



Farm, Business & Home.

115 E. 7th St. Junction City, KS  
Act now for quick deliveries by Christmas!  
www.screenmachinesports.com

**785.762.3081**

**30' x 48' x 16' RV Shed \$18,500**



Two 12'x14' Overhead Doors, One 3'x9' Lite Entry Door, One 3'x2' Slider Window, Drive-Thru RV Storage

Prices include: DELIVERY & INSTALL on your level site. Travel charges may apply. Wainscot, Soffit, Cupola and Fascia not included in this price.

**QSI**  
Quality Structures, Inc.  
Experience the QSI Advantage

- Free Estimates
- Free On-Site Consultation
- Fully Insured
- 5-yr Workmanship Warranty
- Pre-engineered for code laws
- Licensed ICC General Contractor
- 3-Ply Laminated Posts (60 yr. warranty)
- Steel Roof and Sides (40 yr. warranty)
- 16 colors available
- 8' o/c Post Spacing - 4' o/c Truss Spacing
- 90 MPH Wind Load / 30lb. Truss load
- Site Preparation available

Call for **FREE** info and estimates

MATERIAL KITS NOW AVAILABLE!  
(800) 374-6988 www.qualitystructures.com

**Call for our attractive rates!**

**Iron can be expensive Money doesn't have to be.**

Call Frontier Farm Credit:  
Baldwin 866-268-2900  
Emporia 800-320-8391  
Hiawatha 800-699-3521  
Manhattan 800-874-2474  
Marysville 800-475-2371  
Parsons 800-741-2990

or

Contact AgDirect. at 888-525-9805/agdirect.com

**AgDirect**  
Simple. Fast. Flexible Financing.™

AgDirect is an equipment financing program offered by Frontier Farm Credit and the partners of AgDirect, LLP.

**WORK. WORK. WORK.**  
JOBS ARE MORE DEMANDING. WORK DAYS ARE GETTING TOUGHER, AND LONGER.

Getting the job done means working the whole day, every day. And it means having equipment that works as hard as you do. The new Farmall C tractor from Case IH has more than ready to do their job — built by deliver the power and performance you need, making and cost-effective. And they feature a level of operator comfort that makes those long hard days a lot more productive. Here's a new generation of Case IH utility tractors that's ready as you are for a hard day's work.

**NEW FARMALL C TRACTOR**

- 8F/8R or 12F/12R transmission with hydraulic shuttle and creeper options for superb maneuverability and control
- Fuel efficient, 3.2-liter Case IH FPT engines provide peak performance and reliability
- Flat deck cab floor with controls and instrument panels positioned to enhance operator comfort
- Heavy-duty loader option, plus a high visibility roof panel for maximum view of your load and increased productivity
- New headlights for night visibility and roof-mounted rear indicator lights for better visibility on road

SEE US TODAY TO LEARN MORE ABOUT THE NEW FARMALL C TRACTORS.

Bruna Implement Seneca, KS 785-336-2111  
KanEquip Wamego, KS 785-456-2041  
Rossville Truck & Tractor Rossville, KS 785-584-6195  
McConnell Machinery Lawrence, KS 785-843-2676  
Straub International 7 Kansas Locations www.straubint.com



## 2012 Grass & Grain Holiday Recipe Contest

Debbie Rogers, Independence, Mo.:

**PUMPKIN CUSTARD CRISP**  
29-ounce can pumpkin  
3 eggs  
2 teaspoons pumpkin pie spice  
1 teaspoon cinnamon  
14-ounce can sweetened condensed milk  
1 cup milk  
2 teaspoons vanilla

Combine pumpkin, eggs, and spices, mixing well; stir in milks and vanilla. Pour into a greased 9-by-13-inch baking pan. Spoon crumb topping over pumpkin mixture. Bake at 350 degrees for 45-60 minutes until a knife inserted comes out clean. Watch carefully so that the topping doesn't burn.

**Topping:**  
3 cups quick-cooking oats  
1 cup brown sugar  
1 cup flour  
1 teaspoon cinnamon  
1 cup walnuts or pecans, chopped  
1 cup butter or margarine, melted

Stir all ingredients together, except butter. Then

pour melted butter over all and toss to mix.

\*\*\*\*\*  
Mary Rogers, Topeka:  
**PECAN PIE BROWNIES**  
1 frozen pecan pie (2 lbs), thawed at least 2 hours  
1/2 cup butter cut into pieces  
1 3/4 cups semisweet chocolate chunks  
1 cup sugar  
2 eggs  
1 cup milk  
1 1/2 cups flour  
1 teaspoon baking powder

Heat oven to 350 degrees. Spray 9-by-13-inch pan. Cut pie into cubes; set aside. In microwavable bowl, melt butter and chocolate chunks on high 1 minute. Stir then heat 1 minute longer until smooth. In bowl, stir chocolate mixture, sugar, eggs, milk and half of the pie cubes with whisk until blended. Add flour and baking powder, stir with wooden spoon until blended. Stir in remaining pie cubes, batter will be thick. Spoon into pan. Bake 50 minutes or until toothpick inserted near center comes out almost clean. Cool completely in

pan on cooling rack about one hour.

\*\*\*\*\*  
Shirley Deiser, Kanopolis:  
**HOT-TO-TROT BEAN SOUP**

(2) 15-ounce cans refried beans  
(2) 14-ounce cans chicken broth  
7-ounce can chopped green chiles  
1 teaspoon minced garlic  
2 to 3 jalapeno chiles, seeded & chopped  
5 slices bacon, cut into 1/2-inch pieces

1 bunch green onion, chopped & divided  
3 ribs celery, sliced  
1 green bell pepper, seeded & chopped

8-ounce package shredded Cheddar cheese

Place refried beans and broth in sprayed slow-cooker and stir until mixture blends well. Add green chiles, garlic, jalapeno chiles, bacon pieces, half the chopped onion, celery and bell pepper. Cook until soup is hot then top with second half of green onions.

\*\*\*\*\*



## Home and Away

### Arguing for possibilities or limitations

By Lou Ann Thomas

Have you ever had an inspired idea that was immediately met with all the reasons it couldn't or wouldn't work? Have you ever had a great plan that you yourself shot down because it had never been done before?

There is little more exhilarating than the enthusiastic rush of a fresh new idea. And there is nothing more deflating than to excitedly share that idea only to hear how it can't work, or the ridiculous argument that because it has never been done that way before it can't possibly be done that way now.

But where would we be today if everyone focused on their limitations or stopped

believing in their possibilities because of others who held onto the limited opinion that something couldn't or wouldn't work? What if the Wright brothers had listened to the people who told them flying machines were a crazy idea? What if they had believed that there was no way we could fly because it had never been done before?

And what if Gideon Sundback had given up on his creation of two facing rows of teeth that could be pulled into a single piece by a slider? Today we would be without the gizmo now known as the zipper.

Look around. Everything you see was probably once a crazy idea which likely

elicited a negative reaction from someone convinced that it couldn't be done, and as a result should be dismissed. Without people willing to not only look outside the box, but to have the chutzpa to envision things without even seeing a box, we would be missing more than zippers. We wouldn't have microwaves, elastic, biodegradable containers or many of the conveniences, as well as some of the necessities, that we now take for granted.

Maybe it's fear of failure that hinders us and makes us so resistant to new ideas. After all, not every idea will work. But in failure lives the possibility of future success. After thousands of attempts to create the light bulb, Thomas Edison was asked if he felt like a failure. His response was, "No. I have successfully discovered over 5,000 ways a light bulb does not work." Shortly thereafter he discovered the way a light bulb does work.

The takeaway from that is to trust your crazy ideas and don't let anyone argue for your limitations — not even yourself.

**QUALITY HOMES, INC.**

Why are we so different from other off-site home builders? We sit with you and together come up with a custom designed floor plan from your ideas that fits your needs.

Quality is more than a name... It's built into each home we build!

**Summerfield, Kansas**  
**800-848-1410**  
Building Custom Homes for families in Kansas and Nebraska for over 30 years!  
Open Weekdays 9-5, Saturday 9-3.

\$5,000 SAVINGS with February 2013 Delivery  
See our website for Great \$\$\$ Savings!  
Call for more details!

[www.qualityhomesinc.com](http://www.qualityhomesinc.com)

**DONOVAN'S**  
**AG-BY-AIR**

Minneapolis Kansas Airport

CALL DIRECT FOR SAVINGS  
785-392-3300 OR TOLL FREE 877-392-3300

**HERRS MACHINE**  
HYDROSTATICS & HYDRAULICS SINCE 1969

**HYDRO REBUILDS on Combines, Swathers, Skid Steers & IH Loader Tractors**

Toll Free:  
**877-525-2875**  
WASHINGTON, KANSAS

- Rebuilt or exchange transmissions are tested.
- Save on our IH TA special pkg. deal on Torque Amplifiers & related parts
- We can install your TA in the center section. Call for an appointment.

[www.herrsmachine.com](http://www.herrsmachine.com)

**AUCTION**

Thursday, December 13, 2012 @ 7 PM  
Highland Community Center  
501 West Avenue, Highland, Kansas

To be offered separate and combined:

**TRACT 1:**  
Legal Description: The SE 1/4 of the SE 1/4 of 36-2-19 Doniphan Co Kansas Located 3 miles SE of Highland, KS on 36 HWY and Elgin Rd.

- Over 1/4 mile of 36 HWY frontage with electricity
- 31.27 total acres +/- of upland terraced land.
- 29 acres +/- in current production
- 4 acres +/- of current waterway with buildings
- Taxes: \$651.92 on 32.4 taxable acres

**TRACT 2:**  
Legal Description: The NE 1/4 of the NE 1/4 and the N 5 ac of the SE 1/4 of the NE 1/4, 1-3-19 Doniphan Co, Kansas, Located 3 miles SE of Highland, Kansas on 220th and Elgin Rd. Adjacent to Tract 1

- 44.16 total acres +/- of upland terraced land.
- 31.58 acres +/- in current production
- 12.29 acres +/- of current pasture
- Taxes: \$613.82 on 43.6 taxable acres

All Class II & III Soils! Possession immediately upon closing!  
SELLER: Emma June LeBow and Thomas D. Lucas  
Collins Law Office/Family Legal Counsel

For complete details visit our website!  
Announcements made day of auction take precedence over all written or oral information  
Horizon Farm and Ranch Realty, LLC are the Seller's Agent in this transaction

**HORIZON FARM & RANCH REALTY, LLC**  
1-888-825-1199  
[www.horizonfarmranch.com](http://www.horizonfarmranch.com)

**OVERHEAD BULK BINS**  
14 - 54 Ton Capacity  
550 to 2100 Bushels  
- Built for heavier weight material -

**FEATURES:**  
High quality M.I.G. welding process used for complete penetration in all seams.  
48-degree slope on hopper for good clean-out and 42-degree slope on top for complete fill, even in the corners.  
External ribbing eliminates side bowing.  
Sturdy ladder for ease of access (interior ladder standard).  
Prime coated inside and outside, finish coat in any basic color.

**OPTIONS:**  
Roof ventilation as required.  
Anti-corrosive enamel available.  
Blower pipe for filling.  
Double compartment for storage of two different commodities.

**CUSTOM:**  
Bins available in any design and size ... built for your specific needs.

**Machine Service INC.**  
Fabricated Steel Products  
3430 EE Road  
Gridley, Kansas 66852  
(620) 427-4200  
[www.machineserviceinc.com](http://www.machineserviceinc.com)

the **SMALL SPACE, BIG JOB** expert

The GEHL 1640E Skid Loader was designed with quality in mind. There are few tasks this loader cannot handle.

- Rated operating capacity of 850 pounds and lift height up to 96 inches
- Super-compact 36-inch width with 5.70 x 12 tire option, or 42-inch with 8.50 x 12 heavy-duty flotation tire option
- Power-view® lift arm provides strength, durability and excellent view of the tires and sides of the loader
- Universal quick-attach system speeds attachment changes
- SAHR (spring-applied, hydraulic-release) brake system responds quickly, holding the loader on any grade

**MARYSVILLE**  
Bruna Implement Co., Hwy. 36 E.  
785-562-5304

**SENECA**  
Seneca Implement Co.  
Hwy. 36 West  
785-336-2621

**LINN**  
Kuhlman Implement  
Main Street  
785-348-5547

**PROUD PROGRESSIVE PROVEN**

**Barton County Feeders, Inc.**

"We want to earn the privilege of being your feedyard of choice."

1164 SE 40 Road • Ellinwood, KS 67526 • 620-564-2200  
Cap Proffitt, Manager • [www.bartoncountyfeeders.com](http://www.bartoncountyfeeders.com)

# A map that matters: scientists shotgun sequence wheat genes, working for gold standard sequence of its genome

A scientific breakthrough that includes two Kansas State University plant pathologists may help food producers feed a growing world population.

Sunish Sehgal, research associate in plant pathology, and Bikram S. Gill, university distinguished professor of plant pathology and director of the university's Wheat Genetics Resource Center, were part of an international collaboration that successfully sequenced most of the genes of common wheat, also known as bread wheat. Common wheat is grown in more than 95 percent of the world's wheat fields.

By sequencing its genes, scientists now have a genetic blueprint of common wheat for many traits, although associating gene sequences with traits will take many more years of work, Gill said. Researchers anticipate using this information to genetically improve wheat so that growers can meet the world's increasing demands for food and feed.

"This will be an important resource for wheat gene discovery," Gill said.

Additionally, the common wheat genome is a model genome for studying polyploidy — a chromosomal driving force in plant genome evolution. Improved understanding of polyploidy may advance improvements in other food-producing plants, such as cabbage and broccoli.

A report of the common wheat study and its findings, titled "Analysis of the bread wheat genome using whole-genome shotgun sequencing," appears in the Nov. 29 issue of the journal *Nature*.

Gill and Sehgal are internationally recognized experts in wheat gene analysis and germplasm improvement. Both also are affiliated with Kansas State University's Wheat Genetics Resource Center, which is the largest contributor to wheat research in the world. The center maintains about 14,000 wild wheat species strains and about 10,000 genetic stocks. The collection is a one-stop shop for genetic resources.

"Our center has been described as a mecca for wheat genetics," Gill said.

Common wheat has one of the largest genomes among crops, and is nearly three times the size of the human genome.

Researchers used a method called whole genome shotgun sequencing that involves random bits and pieces of DNA that leaves many gaps in the sequence and is not anchored to a map.

While the reported shotgun sequence of the wheat is useful, a team of scientists at the International Wheat Genome Sequencing Consortium, or IWGSC, is working to produce a gold standard sequence of the wheat genome. The gold standard will be the complete sequence anchored to a genetic map of agronomic traits that are important to the wheat industry.

The consortium scientists are using special genetic stocks provided by the university's Wheat Genetics Resource Center, which were sent to many institutes around the world for physical mapping and sequencing of the 21 chromosomes of wheat. The center was responsible for gold standard mapping and sequencing of four of the 21 chromosomes of wheat.

"The polyploidy is both a curse and a blessing," Gill said. "It provided the evolutionary novelty that made wheat the world's most important crop, but at the same time it made the genome more complex and a hard nut to crack."

Shotgun sequencing revealed that the wheat plant

has roughly 100,000 genes compared to the 30,000 genes in humans. The gene sequences were used to identify, categorize and record the potential functions of thousands of individual genes and gene cluster locations — creating a rough map with points of interest for future studies.

"With funding from the

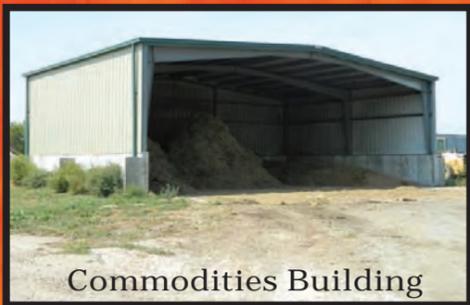
United State Department of Agriculture and the National Science Foundation, center scientists have made sequence-ready physical maps of the four wheat chromosomes assigned to the U.S., but lack of funding is hurting the U.S. effort for gold standard sequencing of the wheat genome," Gill said.

## 10 & 12 Bale Hay Trailers



- Cradles can be lifted w/one hand
- Cradles are removable
- Safety locks for cradles in both the up & down positions, located at the front of trailer
- 1-Year Mfg. Warranty on axles & tires • 2-Year Warranty on trailer
- Heavy duty tubular construction
- 10-bale trailer has 7,000 lb. tandem axle with brakes
- 12-bale trailer has 10,000 lb. tandem dual axle with brakes
- 16" wheels, 10 ply radial tires • Comes with a spare tire

**DENNING**  
MACHINE SHOP, INC.  
Toll-Free: 866-293-5450  
THE WORKHORSE OF WESTERN KANSAS



**Commodities Building**

- 60' wide x 40' deep x 20' side walls
- Chief building with gutters/60' open end
- 8 ft. high x 10" stem walls with buttress supports
- 6" floor
- 20' x 60' x 6" approach
- Erection included
- To be placed on level pad free of obstruction

**\$59,756**  
**Sales Tax Included**  
Travel Cost could Apply

**Prairie Building Systems, Inc.**  
Moundridge, Kansas  
800-713-2698

## INVESTING IN YOUR FUTURE

**From young, beginning and small farmers to large agricultural businesses, we're there when you need us.**

Whether it's \$500 or a multi-million dollar loan, American AgCredit has been lending money for agriculture for more than 90 years. It's our business—our only business.

CONCORDIA, KS	HUTCHINSON, KS	LARNED, KS
EL DORADO, KS	KINGMAN, KS	PRATT, KS
SALINA, KS	WICHITA, KS	PONCA CITY, OK



A part of the Farm Credit System. Equal C



**American AgCredit**  
MONEY FOR AGRICULTURE

A part of the Farm Credit System.  
Equal Opportunity Lender.

Call 800.466.1146 today or visit AgLoan.com

### OLSON'S

1214 E. Moro | Aggieville  
Manhattan, KS  
785.539.8571  
Mon-Fri 9-6 | Sat 9-4

- ✦ Family owned and operated since 1913 ✦
- ✦ Reasonable prices ✦
- ✦ Three day turnaround ✦

ADD VALUE TO YOUR FOOTWEAR INVESTMENT

## BOOT REPAIR

## Organic cost share funds available

The Kansas Department of Agriculture still has funds available in its Organic Certification Cost Share Program for producers who received their organic certification between Oct. 1, 2011 and Sept. 30, 2012.

The program, funded by the U.S. Department of Agriculture, reimburses producers for 75 percent, or up to \$750, of their organic certification costs. The agency will accept applications until Dec. 14, or until all funds are distributed.

To receive the funds, producers must complete an application and submit it to the agency with a copy of their organic certification document and an invoice showing how much they paid for the certification.

More information, including the form, may be accessed at [www.ksda.gov/kansas\\_agriculture/content/153](http://www.ksda.gov/kansas_agriculture/content/153).

## Phoning or texting the location of a deer to another hunter is illegal

You see a big buck moving in the direction of your buddy's deer stand. You want him be ready, so you grab your cell phone and without thinking you send him a text: "Big buck coming your way!" Unfortunately, you've just broken the law. The law has been on the books for years, and many hunters are aware that two-way radios can't be used to

give the location of a game animal for the purpose of taking such animal. However, the law prohibits the use of "a radio or other mechanical device," which includes cell phones. And a text is the same as a call. Don't do it.

Other common violations that can be easily avoided include wearing the required amount of hunter or-

ange, which is a vest with 100 square inches visible from the front and 100 square inches visible from the back and an orange hat. Remember to sign, date and affix your carcass tag to the deer before you move it from the site of the kill. And always have the proper permit and your hunting license on your person while hunting.



**Christmas is a time for Friends, Family and Sharing**  
**The Third Annual Grass & Grain Subscription Special is about all three of those things, too!**

**First, extend your subscription for a year for \$37 – a \$6 savings!**

*(It doesn't matter when your subscription expires, we'll just extend it from that date.)*

**Think of it as OUR Christmas gift to YOU!**

**THEN**

**Buy a NEW one-year subscription for a friend or family member for \$25!!!**

Both parts of the offer must be used.

Gift subscriptions must be for new subscriptions. Offer expires December 17.

The new subscription will start with the January 1 paper.

Just clip the coupon below and mail it with payment to Grass & Grain, P.O. Box 1009, Manhattan, KS 66505

Subscription Extension	Gift Subscription
Name: _____	Name: _____
Address: _____	Address: _____
Cost: \$37.00	Cost: \$25.00
<b>Total Enclosed: \$62</b>	

## GET A GRIP BEFORE WINTER ARRIVES.

Winter feeding months are just around the corner. Now is the time to make sure your equipment is up to the challenge of the harsh winter weather. A new DewEze Bale Bed will not only save you time this season, its wireless remote control will let you conveniently feed from the warmth of the cab.

For a limited time, quote a new DewEze Bale Bed and we'll help you get a grip on your cow/calf operation with a free pair of DewEze genuine leather work gloves. Call 800-835-1042 for the location of your nearest DewEze dealer today.

# DEWEZE®

**HARPER INDUSTRIES, INC.**

151 E. Hwy. 160 · Harper, Kansas 67058  
 Phone: 620.896.7381 · Toll-Free: 1.800.835.1042  
[sales@deweze.com](http://sales@deweze.com) · [www.deweze.com](http://www.deweze.com)

## COMING SOON . . . just in time for Christmas, Volume 5, \$15

### ALSO AVAILABLE: "Our Daily Bread" Grass & Grain Recipe Collection Cookbooks Volumes 1, 2, 3 and 4

Each volume contains recipes published in Grass & Grain.

Included are: Appetizers, Breakfast, Soups & Salads, Sandwiches & Side Dishes, Main Dishes, Breads & Muffins, Desserts, Cookies & Candy and This & That!

**Vol. 1 = \$11 Vol. 2 = \$12 Vol. 3 = \$12 Vol. 4 = \$14**

**SAVE SHIPPING COSTS:**  
 Stop in and buy at the Grass & Grain Office, 1531 Yuma, Manhattan, KS "Our Daily Bread" Grass & Grain Recipe Collection Cookbooks

**Order Toll-Free! Call Grass & Grain 877-537-3816**

**SPECIAL SHIPPING INCENTIVES:**

- Receive 1 or 2 books for a single \$7.00 shipping fee
- Receive 3 to 8 books for a single \$14.00 shipping fee

# Murray Wise to Federal Reserve ag conference: farmland values remain sound

Even with farmland selling at record highs throughout much of the nation, land remains a sound value and will likely continue to go up in price over

the long term, farmland expert Murray Wise told a conference sponsored by the Federal Reserve Bank of Chicago Tuesday.

In his keynote presentation, Wise pointed to estimates that worldwide stocks of corn are at their lowest level in 39 years, even as worldwide demand continues to grow. Meanwhile, farmland in the United States has returned an average of 11.2 percent annually since 1995, with volatility rivaling that of corporate bonds and treasury bills.

Over the last seven years, the total return on farmland as measured by the NCRIF Farmland Index has been 16.44 percent — half coming from appreciation and half from farm income.

The audience of approximately 100 included academics, pension fund managers, farm managers, bankers, farmers and Federal Reserve officials,

among others.

While remaining bullish on farmland, however, Wise noted that farmland investors should expect some volatility along the way in both land and commodity prices. "Nothing goes straight up forever," he said. However, even a "monster crop" in 2013 would be unlikely to significantly hurt farmland prices, he added.

Even after recent dramatic price increases, there are few signs of excess in the market for farmland. Three-fourths of the farmland in Iowa is debt-free, and two-thirds of the farmland selling in Illinois is still going to farmers. For every \$100 in assets, farmers now have only \$9 in debt, compared to \$22 in the 1980s, he noted.

Demand for corn, soybeans and other U.S. crops continues to increase, meanwhile, with world inventories at historically low levels, Wise said.



The United Rodeo Association recently celebrated its 50th anniversary; cowboys and cowgirls competed at sanctioned rodeos across seven states this past year. Year-end champions were crowned at their finals held in Topeka on November 1-3. Cooper Martin, above, set an association record for being the youngest tie-down calf roper to be crowned champion. He also was the breakaway champion that is open to women and boys age 14 and younger. Cooper was awarded two trophy buckles and two saddles for his accomplishments. The photo, courtesy of TF Event Photography, shows Cooper tying his third round calf in 8.9 seconds. He is the son of Chris and Candi Martin. Photo by TF Event Photography

## KROGMANN FEEDER TRAILER

- Self cleaning
- Let the cows do it!
- Designed for minimum hay waste
- Load & haul without getting off your tractor
- Easily move each time you fill with hay
- Racks fold flat for moving hay off your field

### KROGMANN MFG.

SABETHA, KANSAS  
www.krogmannmfg.com

**CALL FOR MORE INFORMATION**  
**TOLL-FREE: 877-745-3783**

## Exclusive Distributor of HAY\$AVER

**Keep bales off the ground. no spillage!**

U.S. Patent #5158040 by Kuntz Mfg.

### HECK'S REAL ESTATE

MARVIN HECK  
402 PIERCE • WASHINGTON, KS 66968  
**785-747-8335**

## Commercial models available up to 105 ft. in diameter.

Storage capacities to nearly 750,000 bushels.

# VALLEYWIDE SALES

## SERVICES

Grain Storage | Grain Handling

**YORK** **mfs**

Farm duty drying or storage models available up to 60 ft. in diameter.

Storage capacities to nearly 100,000 bushels.

**mfs** **VALLEYWIDE SALES**  
785-632-3143

A Division of GLOBAL Industries, Inc.

## ESTATE AUCTION

**SUNDAY, DECEMBER 9 — 10:00 AM**  
2110 Harper Dg. Fairgrounds Bldg. 1&2 (Heated), LAWRENCE, KS

**Auction Preview: Saturday from 3:00-6:00 P.M.**

**BOOKS**  
Several Thousand books of all kinds; 1800-1900's; KU & Lawrence; 1930's Britannica set; 1940's Astounding Science Fiction; 1950's KU Bulletins; cook books; paper backs; medicine; bird & garden; any so many more! (Lifetime collections of Alexandra "Sandy" Mason & Ann Hyde both retirees of the Spencer Research Library).

**COLLECTIBLES & GLASSWARE**  
German Wittmayer Spinet Harpsichord; 1964 Hughes Dulcimer; "The Doctor Who" magazines; Star Trek "The Next Generation" collector's edition VHS's; vintage Mrs. Beeton's cook book; Scottish cook books; Abercrombie & Fitch binoculars & knife set; jewelry; France flatware set; Gres France salt glazed pottery set; several signed pieces of pottery; woven baskets; pyrex colored mixing bowl set; Delft; LeCreuset; Wedgwood "FST Composition" set; red handle utensils; alum. ware; Paintings: Melby "Davaerend" oil, Terna "A Meeting of Echoes", Arthur "Point of Rock" oil collage; many foreign marked pieces.

**FURNITURE & MISC.**  
2011(New) iComfort Genius Sleep System by Serta Twin XL Adjustable Electric Base bed w/accessories; Butcher Block Island; Amana 22 refrigerator; older washer/dryer; several styles of book shelves; trundle bed; twin child's storage bed; whicker trunks; Lane cedar chest; oak coat rack; drafting board; office cabinets & chairs; file cabinets; retro couch & chairs; kitchen dinette; Onkyo stereo system; records; CD's & DVD's; Avengers Series & Harry Potter; kitchen décor; office supplies; hand tools; metal shelving; numerous items too many to mention!

**Consiged Brochmann Estate**  
1987 Chrysler New Yorker car 74K, 4 door, auto & loaded.

**Auction Note: We will run 2 Auction Rings, one for books only, many unlisted items!!**

**SELLER: ANN HYDE**  
(& ITEMS FROM ALEXANDRA SANDY MASON)

Please visit us online at  
[www.KansasAuctions.net/elston](http://www.KansasAuctions.net/elston) for pictures!!

**AUCTIONEERS: ELSTON AUCTIONS**  
Home (785-594-0505) Cell (785-218-7851)  
"Serving your auction needs since 1994"

## AG EQUIPMENT INTERNET AUCTION

**BID NOW!**

**purple wave auction®**  
Straight. Simple. Sold.®

**Item #F6319 '10 CIH 7088 AFS combine**

# WED., DEC. 12

**Bidding starts to close at 10 a.m. CST**

**ALL ASSETS SELLING WITHOUT RESERVES!**

**PARTIAL LISTING: COMBINES:** '10 CIH 7088 AFS, '08 JD 9770 STS Bullet Rotor, '06 & '04 Case 8010, '06 CIH 2388 RWA, '04 JD 9860 STS RWA, (2) '04 CAT Challenger 670, '92 Gleaner R72 **SEMIS:** '03 Int'l 9200i, '98 PB 377 **APP EQUIP:** '93 Tyler Titan 4300 floater **TRACTOR:** '74 JD 4230 **TRAILERS:** '00 PJ gsnck, (2) '97 Warren hydraulic feed body, '96 Pacer hydraulic feed box, '94 Merritt dbl hopper gm, '91 Barrett lvtstck **BALERS:** JD 535 rmd **SWATHER:** Hesston 8450 **TRACTOR ATTACHES:** NH 7614 quick attach bucket, JD 158 loader. 10% buyer's premium applies. **866.608.9283 | www.purplewave.com**

## Real Estate, Household, Tools & Auto AUCTION

**SATURDAY, DECEMBER 15 — 10:00 AM**  
Weather Date: Sunday, December 16 — 11:00 AM  
27117 Fairfield Road — ALMA, KANSAS

**DIRECTIONS:** I-70 McFarland exit, ½ mile south to Fairfield Rd (water tower), then west 1 mile on Fairfield to Auction site or from K-99 and McFarland Rd. (1 mile N. of Alma), ¼ east to Fairfield and then 2 miles North and East to Auction.

**Real Estate Sells @ 12 noon**  
**REAL ESTATE:** A nice 3 bedroom on 7 acres m/l, 2 bath ranch house partial basement w/walkout, fireplace, 2 car attached garage — in wooded location with meadow and a pond next to a stream. Includes a 24 x 32' machine shed w/electricity & garage door.

**TERMS:** 10% earnest money the day of the auction with the remainder at closing on or before January 15, 2013. Title insurance and escrow fees to be shared equally. The sale is not contingent on financing and all inspections should be conducted prior to the auction at bidder's expense. **Murray Auction and Realty is acting as an agent for the seller.** All information obtained from sources deemed to be reliable but not guaranteed. Statement made day of auction take precedence over printed material.

**CAR:** 2010 Toyota RAV 4 with 35,500 miles (bought new in Jan. 2012).

**SHOP ITEMS:** John Deere 4-wheel steer 20 hp garden tractor; attachments for JD garden tractor, 60" mower deck, front mount snow blower, tire chains, 2 shop built front end blades; Agri-fab lawn sweeper, 38" wide; Jazee Country Clipper ZTR mower with 52" deck, extra set of blades; Trailer mounted sprayer with electric pump; Troy-bilt 5.5 hp Pony walk behind rear-tine roto tiller; small roto tiller, Troy-bilt; Homelite 4400 watt electric generator; Briggs & Stratton 4.5 hp push mower with 22" deck; shop vac, 5.5 hp, 12 gallon; 12 volt battery charger/booster; circular saw; 3/8" electric drill; 24' aluminum extension ladder; 5' and 8' step ladders; Hi-lift "Handyman" jack; 2-wheel "hand truck" or dolly; grass seed/fertilizer spreader; bench grinder; bench vise; bar clamps & wood clamps; wrench sets; extension cords; bolt cabinet with bolts; grease guns; hand saws; shop broom; Radio Flyer red wagon; gas can, 5 gallon; misc. wood & steel; many other tools and parts items too numerous to list separately.

**OUTDOOR ITEMS:** Propane grill, like new; garden hose reels & hoses, 3 carts; 10 foot picnic table; garden tools; shovels.

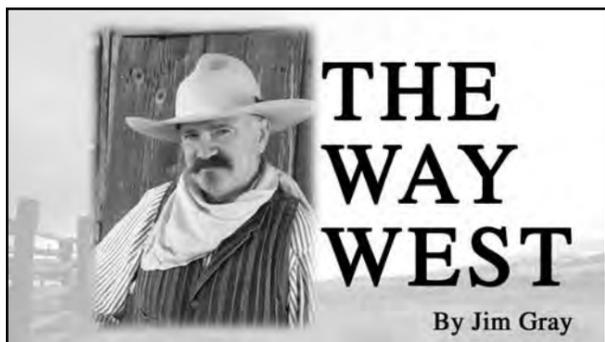
**HOUSEHOLD ITEMS:** 36" flat screen TV with stand; DVD player; stereo system with speakers; HP Pavilion desktop computer, 4 GB SDRAM memory/750 GB hard drive with Acer 22" flat screen monitor; wireless router; computer desk; Yamaha piano; chest freezer; portable humidifier; clothes dryer, natural gas; dining room table set with 4 chairs, 4' table with (2) 12" leaves; large oak wall units (2); oak bookshelves; king size bed & bedroom set with 2 dressers, Select # bed; oak end tables; card tables & folding chairs; 4-drawer metal filing cabinet; dining table, formica top with metal legs; bar stool swivel chairs (2); metal wardrobe cabinet; storage shelves, (2) 10" units, (1) 8' set; playpen and high chair; exercise treadmill; GE microwave with inverter technology, like new, "Profile"; KitchenAid meat grinder attachment; water softener; KitchenAid mixer; Saladmaster stainless steel cookware set; crystal ware; coffee maker; waffle iron; electric skillet; electric crock-pot; assorted dishes and pans; misc. Christmas decorations.

**AUCTIONEERS NOTES:** This is a nice 3 bedroom, 2 bath ranch on 7 ac. m/l. A rare find 1 ½ miles off of I-70 nestled in the Flint Hills. The home shows well and may be seen by contacting the auctioneer. Also a nice selection of home furnishings, tools, lawn and shop equipment will be offered. Some items may be sold in the shop as weather dictates.

**TERMS:** Cash or good check w/ID. Statements made day of auction take precedence over printed material. Not responsible for accidents. Lunch served on grounds.

**SELLER: JOHN MEYER & THE LATE CLETA MEYER**

**MURRAY AUCTION AND REALTY**  
Steve Murray, Broker/Auctioneer • 785-556-4354  
Bill Raine, Auctioneer & Bob Murray, Auctioneer  
[www.murrayauctionandrealty.com](http://www.murrayauctionandrealty.com)  
[murrayauctionandrealty@yahoo.com](mailto:murrayauctionandrealty@yahoo.com)



# THE WAY WEST

By Jim Gray

## If They Only Knew

The end of the Mexican War in the spring of 1848 brought heightened activity along the Santa Fe Trail. Government wagon trains ambled along with supplies for the troops still in Mexico. Large privately owned caravans were also on the trail laden with all kinds of merchandise to be traded in New Mexico. Over three thousand wagons, twelve thousand people, and fifty thousand cattle, horses, and mules were on the trail by midsummer.

At the same time United States troops and wagon trains were leaving Mexico for Fort Leavenworth. The summer was pleasant and travel along the trail moved

easily. Traders returning to the Missouri River reported that they had passed over the plains "in fine condition." One large caravan included one hundred wagons, one hundred teamsters, and "sundry traders, travelers, and Mexican herdsmen," who herded about five hundred head of cattle that were being driven with the caravan. Life was good.

Each evening after the wagons were corralled and the stock taken care of wagon masters and teamsters would gather to dine on the "prairie fare" of the day's catch by hunters who accompanied the wagons. Antelope steak, prairie chicken, and the hump of

"fat cow," (buffalo) served up a feast that was always accompanied with a good smoke of pipe tobacco while under starry western skies. Tales were told far into the night of adventure on the trails of the west. 1848 was a summer to remember on the Santa Fe Trail.

However, September rains turned the pleasant summer of 1848 into an uneasy ordeal. Wagons were held up by swollen rivers and streams. Returning infantry and mounted dragoons found themselves "water-bound" along with the great caravans. Fortunately, the weather soon cleared and troops began to arrive at Fort Leavenworth. There they were mustered out of service in late September.

The break in the weather was short-lived. Winter came early to the plains, bringing snow and unusually cold weather in early October. West of Council Grove conditions were described as severe. A courier for the government wrote on December 3, 1848, that his journey to Bent's Fort, in present-day southeast Colorado had been "a most unpleasant journey... The weather

here is most cruelly, bitterly cold, it is snowing and freezing..." The severe winter weather moved eastward.

On December 4th William Walker of Wyandotte (Kansas City, Kansas) recorded the onset of a great snow and sleet storm in his journal. Sleet continued the following day and the day after that. On December 7th, he wrote "at daylight, snow, sleet and rain! When will this horrible tempest come to an end..."

The weather cleared, "the moon shown with unusual brilliancy," but temperatures plunged. Walker recorded eighteen degrees below zero on December 11th. A newspaper correspondent from Independence, Missouri, reported that one wagon train was "loosing great numbers of (oxen) cattle" to the brutal winter weather. The report continued, "and no doubt many of their hands are suffering severely..." Sleet and snow returned on December 21st. William Walker expressed extreme dismay, writing, "Horrible! Sleet and snow in all its fury 2 below," By the next morning the thermometer had plummeted to twenty below zero.

A day later on December 23rd the temperature was "29 below zero!"

The caravan of suffering men and animals was still on the plains, barely trudging toward their destination. They finally staggered into Fort Leavenworth on December 27th. Only one man had perished from the vicious, unrelenting storm, but the company had lost sixteen hundred head of oxen. The evidence of the awful suffering was unmistakable by the following spring. A traveler on the trail in May of 1849 "passed immense numbers of Skeletons of Dead Oxen...Some places thirty would lie in one pile."

Ironically, the Smithsonian Institution, founded in 1846, was wrestling with the idea of documenting weather data. Our young country had no central agency dedicated to the study of weather. There was no timely weather data available. The only source of weather prediction was the annual almanac with proved to be an

unreliable predictor of weather patterns. Smithsonian secretary Joseph Henry proposed that a system of extended meteorological observations could help solve the problem of predicting American storms. On November 1, 1848, the Smithsonian Board of Regents established the system that became known as the Smithsonian Meteorological Project and paved the way for the National Weather System.

Today it is hard to imagine a world without the nightly weatherman. We take him for granted but the teamsters of 1848 would certainly have appreciated the value of a good weather forecast on The Way West.

"The Cowboy," Jim Gray is author of *Desperate Seed: Ellsworth Kansas on the Violent Frontier* and also publishes *Kansas Cowboy, Old West history from a Kansas perspective*. Contact *Kansas Cowboy*, Box 62, Ellsworth, KS 67439. Phone 785-531-2058 or [www.droversmercantile.com](http://www.droversmercantile.com)

**HESS & SONS SALVAGE, INC.**  
**1209 N. PERRY, JUNCTION CITY, KANSAS**  
 • PREPARED #2 IRON: \$220.00 NET TON DELIVERED  
 • COMPLETE CARS: \$160.00 PER TON, W- CLEAR TITLES  
 • MIXED FARM MACHINERY: \$160 NET TON DELIVERED  
 ALSO BUYING: COPPER, PREPARED MACHINE CAST, BRASS, ALUMINUM, ALUMINUM CANS, ELECTRIC MOTORS, BATTERIES, A/C SEALED UNITS AND PREPARED NON-MAGNETIC STAINLESS STEEL.  
**CALL: 785-238-3382 (800-825-4377)**  
 For Current Prices  
**ROLL-OFF CONTAINERS AVAILABLE, Ask For LANNY or JAKE (PRICES SUBJECT TO CHANGE WITHOUT NOTICE!)**

**Saves up to 25% on Feed Loss**  
 Feed Saver Bale Feeder \$525  
 Feed Saver Cone Feeder \$725  
**D&S Welding**  
 Lehigh, Kansas  
**620-381-1263**

**The Original Flatbed Bale Handler**  
**HYDRABED**  
 BY TRIPLE C, INC.  
**OPTIONS:**  
 ✓ Post Hole Digger  
 ✓ Tool Boxes  
 ✓ 3 Spool Valve  
 ✓ Cake Feeder  
 Also: Flatbeds & Bale Spear Beds - New & Used  
**BEDS IN STOCK - INSTALLATION AVAILABLE**  
**Boot Hill Sales**  
 785-388-2245 Clay Center, KS 785-632-2632

**REAL ESTATE AUCTION**  
**THURSDAY, DECEMBER 13 — 7:00 PM**  
 Held at the Abilene Civic Center, 201 NW 2nd Street  
**ABILENE, KANSAS**

**152 ACRES m/l OF DICKINSON COUNTY FARM LAND**  
**LEGAL DESCRIPTION:** NW 1/4 of Section 30, Township 14 South, Range 3 East of the 6th PM, Dickinson County, Kansas, except approximately 5 acres with house and buildings.  
**LOCATION OF PROPERTY:** 2 miles WEST of Navarre on K-43 Highway, 1/2 mile North on Key Road.  
**GENERAL INFORMATION: 152 ACRES M/L CONSISTING OF:**  
 • 108 Acres Tillable • 11.04 Acres Waterways  
 • 29.7 Acres Pasture • Balance in Right of Ways  
**FSA INFORMATION:**

	Base Acreage	Yield
Wheat:	62.2 acres	38 bushel
Milo:	29.6 acres	59 bushel
Soybeans:	7.7 acres	21 bushel

**SOIL TYPES:** Approximately 86% Irwin Silty Clay Loam. Balance in Hobbs and Clime Silt Loam Soils  
**POSSESSION:** Possession of the wheat ground given after 2013 wheat harvest; approximately 77 acres. Balance of land at closing.  
**TERMS & CONDITIONS:** 10% due day of sale balance due on or before Dec. 31, 2012. Real Estate Taxes pro-rated to date of closing. Title Insurance will be used with the cost split equally between buyer and seller. Wyatt Land Title, Abilene, KS will escrow the contract and earnest money. Escrow charges will be split equally between buyer and seller. **Reynolds Real Estate & Auction Company** will be acting as "Sellers Agents." Property sells in "as is" condition with no guarantees or warranties made by Seller or Auction Company. Announcements made day of auction take precedence over printed matter. All information given is from sources deemed reliable, but not guaranteed. Property sells subject to easements, restrictions and reservations if existing.  
**TAXES FOR 2012:** Approximately \$900  
**SELLER: LOIS M. McCULLEY TRUST**  
 Sale conducted by  
**REYNOLDS** Real Estate & Auction Co.  
 785-263-7151 or 888-263-7151  
 Georgia Reynolds, Broker  
 Co-operating Auctioneer,  
 Broker & Auctioneer:  
 R.J. Reynolds: 785-263-5627  
 Listing Agent, Dan Reynolds  
 785-479-0203  
**MLS**

**GoBob Pipe & Steel Sales**  
**Men of Steel**  
**GOB? COWS? GET GOBOB**  
**HAY CONSERVER FEEDERS**  
 The Original  
**UP TO 10 YEAR WARRANTY\***  
**TESTED PROVEN GUARANTEED**  
**Stop Wasting Time & Money!**  
**FEED 30% LESS HAY IMMEDIATELY:**  
**ALL BIGGER & THICKER PIPE**  
**Even Heavier than Original Feeders!**  
**866.287.7585**  
**gobobpipe.com**  
**CORRAL & FENCE MATERIAL**  
**GOBOBOY PORTABLE CORRALS**  
**CATTLE WORKING EQUIPMENT**  
 Latch  
 Rotary Adjustment  
 \$  
**gobobpipe.com**  
 f  
 PROUD to Give Back  
 CASP  
 BBB  
 ACCREDITED BUSINESS



## Straight Ahead

We were traveling off the ranch intending to generate some wet saddle blankets on a colt going cross-country. The purpose of the trip was to work on the youngster and give him some basic education on how to travel in a straight line in the direction I pointed him. I was having trouble trying to get across to him that I wanted him to travel in a straight line the way I wanted to go.

He had other things in mind and we were probably covering a half mile back and forth to go a quarter mile straight ahead. My reasoning was that if I spent enough time traveling then soon enough he might discover on his own that it took a lot less effort to go straight instead of wandering all over the place to get somewhere.

There was a lone tree off in the distance that I was using as a target. I aimed him for it and let him go. I think he was fooling with me because every time I'd slack the reins or take my legs off him, he would amble off in another direction just as if he was testing me to see how much he could get away with. When you want to go somewhere, whether it's in the arena or on the open range, if you're like me, you probably want to get to your destination in the shortest possible time. If your horse moseys all over the place from point A to get to point B, it can waste time and be irritating to the rider.

So you have to set the guidelines about how to go in a straight line when they are young. Once you establish in their mind how they are supposed to travel, other training procedures might just be a little easier. After all, traveling straight is one of the ABCs of training a young horse. It also

puts a marker in their brain that you expect them to behave a certain way and if they don't, they can expect a reprimand that may not be pleasant.

Some colts just naturally walk or trot in a straight line. Others, I believe, don't have a clue they're not in charge of where they go and possibly think that perhaps you are just extra baggage they are obliged to carry. These horses are not connecting with you and it may be a daunting task to convince them that you are the boss. This is where patience and repetition pay off.

I was on one of those colts that didn't understand that the extra baggage he was carrying had a different agenda than he had. After several miles of wandering around the country, we finally reached that lone tree. We covered twice the distance we would have traveled if he'd have walked in a straight line barring any obstacles like trees, boulders or potholes in his path. It was time to let him know he was doing wrong and that I had other plans for his meandering ways.

I picked a hilltop off in the distance and pointed his nose in that direction and turned him loose. As expected, he wandered off course to the left. I tipped his nose back to the right and poked him in the girth with my left spur. He moved to the right and as soon as I turned him loose again he moved back to the left off course. I tipped his nose to the right again and poked him harder with my left spur. I got his attention this time and he walked four or five lengths and then wandered off to the right.

It's possible he tried wandering in a different direction because when he went left he received some-

thing he didn't like. Maybe that wouldn't happen if he went the other way. He tried it and wandered to the right. Now I tipped his nose back to the left and poked my right spur in his girth. Not too hard, just enough to make it uncomfortable. That didn't work for him either. I wasn't out to hurt the horse. He had a good disposition and was always easy to catch. I liked his easy going personality so I wanted to keep him as a friend. Inflicting unnecessary pain was not in the manual. He was the kind that I put extra effort into because I knew it would pay off in the long run.

We went back and forth for ten or fifteen minutes going left and right while he tried to figure out why I was spurring him on the side he wandered and tipping his nose the opposite direction. Finally, he began traveling straight toward the hill top. I gently placed both my legs on his sides and lightly held them there to give him an idea that I liked what he was doing. After a few minutes, he wandered off course again. I took my legs off him and poked him harder with the spur and tipped his nose back on course. Back on course, I again gently placed my legs back on his sides and we went in a straight line for a longer period of time. We were gaining and I think the first glimmer of understanding was creeping in to his play book.

Now repetition came into play and I kept using the same technique to keep him traveling the way I pointed him—in a straight line. We reached the base of the hill and climbed on up to the top. I let him pick his way to avoid anything in our path. At the top of the hill, I turned him around to face the way we had traveled. It was time for a breather. I let him sit there for fifteen minutes looking back over the country. I like to think that a horse needs some time to contemplate the lessons we have been trying to impress upon them. Maybe they think about it and maybe they don't but I think if you give them some time

to let the concrete harden it will become a permanent fixture.

After fifteen minutes, I nudged the colt down the hill in the direction of the ranch. We had several miles to travel and that colt took the most direct route he could navigate and it was almost all a straight line.

One of two things could have happened. He was going home and he knew it. He didn't want to waste any time wandering around, or maybe, just maybe, I had taught him to go straight in the direction I pointed him. I would find out the next morning when I worked him in the arena and asked him to walk in a straight line. One thing is for sure; the straight line lessons had opened up the door a little wider to make his continuing education easier.

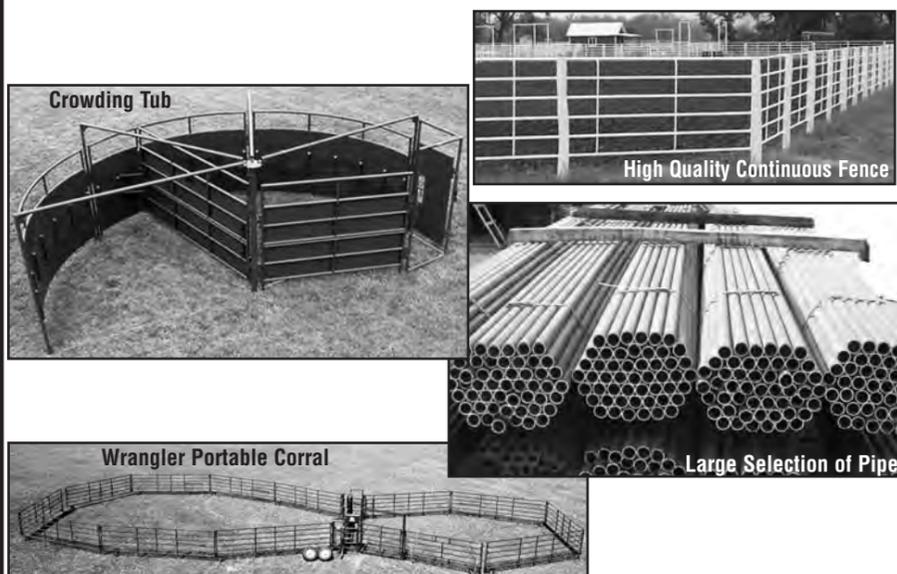
Contact Ralph Galeano at [horseman@horsemanspress.com](mailto:horseman@horsemanspress.com) or [www.horsemanspress.com](http://www.horsemanspress.com).



Delegates to the 129th American Angus Association annual convention elected leadership during the annual meeting held in conjunction with the 2012 North American International Livestock Exposition (NAILE) Super Point Roll of Victory (ROV) Angus Show, Nov. 12 in Louisville, Ky. Standing from left are the officers for the coming year, Cathy Watkins, Middletown, Ind., treasurer; Philip Trowbridge, Ghent, N.Y., president and chairman of the board; and Gordon Stucky, Kingman, vice president and vice chairman of the board.

Photo courtesy Angus Productions Inc.

## QUALITY EQUIPMENT BUILT TO LAST GENERATIONS!



**LINN**  
POST & PIPE, INC.

[www.linnpost.com](http://www.linnpost.com)

Quality has no substitute

Linn, KS      Creighton, NE  
800-526-0993      800-638-4036

# BIG IRON

**ONLINE AUCTIONS**  
Experience the **POWER** of [BigIron.com](http://BigIron.com)  
**ONLINE ONLY UNRESERVED AUCTIONS**

[www.bigiron.com](http://www.bigiron.com)  
**WEDNESDAY, DECEMBER 12, 2012**  
1st Lots Close at 10:00 AM Central Time

**NO BUYERS PREMIUM FEE & NO RESERVES!!**  
**451 Lots Selling on this Auction!**

09 JD 9870 Combine	09 Krone Big Pack 1230XC Square Baler	05 Freightliner Columbia Truck
(2) 98 JD 9610 Combines	85 Grayco Liquid Semi Tanker Trailer	00 Freightliner FL80 Bulk Feed Truck
99 JD 9610 Combine	98 Tyler Patriot Wide Trax Sprayer	05 Great Plains YP-1625 16/32 Twin Row Planter
02 JD 9650 Combine	00 Harley Davidson Road King Motorcycle	JD/ Orthman 7200 Max Emerge 2 16R30" Planter
00 JD 9750 STS Combine	Ditch Witch 7610 Backhoe & Trencher	04 Case 1200 16 Row Air Planter
03 JD 9750 STS Combine	06 New Holland TB110 Tractor	04 JD 1720 Max Emerge Plus 16R30" Vacumeter Planter
08 JD 9870 Combine	IH 3588 4x4 Tractor	94 Snorkelift ATB-60Alfo Articulated Boom Lift
05 JD 4920 Sprayer	JD 4850 Tractor	00 Bobcat 773 Skid Steer
05 Gleaner R75 Combine	00 International 4700 Digger Truck	99 JD 270 Skid Steer
10 Lexion 585R Combine		
10 Lexion 590R Combine		
02 Gleaner R72 Combine		
JCB SLP 508 Telehandler		

20 Combines, 14 Tractors, 9 Semi Trucks, 2 Dump Trucks, 9 Straight Trucks, Trailers, 6 Forklifts, 5 Lifts, 35 Headers, 15 Planters, 8 Balers, Livestock Equipment, Tillage Equipment, Trailers, & much more!

The next **BIGIRON.com** auction is on **December 19!**

Do you have equipment to sell? Call your local rep today, 1-800-937-3558.

**bigiron.com** - is a division of **Stock Auction Company**, 1-800-937-3558

**SweetPro**

PREMIUM FEED SUPPLEMENTS

No Molasses! No Starches!

Improve Herd Health

Faster Breed Back & Higher Conception Rate

Heavier Weaning Weights

Better Response to Vaccines

Controlled Consumption & Labor Savings

Chelated Trace Minerals, Vitamins

3 Classes of Prebiotics

4 Classes of Live Digestive Enzymes

25% Increased Feed Efficiency!



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

Sam Melson  
Harrison County Rancher



Craig Wischropp, 785-486-2626

Horton, KS, 888-437-9294

[www.sweetpro.com](http://www.sweetpro.com)

Walk-In Business Welcome!

**SweetPro.com**

## Program to offer cost-saving tips for winter cattle feeding program

By Robin Slattery, DEA, Animal Sciences River Valley Extension District

This year more than ever, it is important to economically feed your cattle during the winter period. The few months of winter are where much of the yearly feed costs are accumulated, while winter nutrition also has an effect on subsequent production. On December 13th, 2012, Dr. Dale Blasi, K-State Research and Extension beef specialist, Robin Slattery, RVED-livestock Agent, and Austin Sexton, Pottawatomie County Agent, will be presenting topics on cattle nutrition in drought conditions. Utilizing alternative feedstuffs

such as wheat straw, ammoniated wheat straw, corn/milo stalks, and CRP hay will be discussed. Working with high nitrate forages, methods of conserving hay, and opportunities to increase efficiency with the use of Rumensin will also be presented. The program will be held at the American Legion in Linn with registration at 5:15 p.m. and the program beginning at 5:30 p.m. There is no cost for registration and a meal will be provided sponsored by United Farmer's Cooperative. Please RSVP to the RVED-Washington County Extension office by December 10th by calling 785-325-2121 or contact Robin Slattery at rslat@ksu.edu.



Sankeys Justified 101 won grand champion bull at the 2012 Northern International Livestock Exposition (NILE) Roll of Victory (ROV) Angus Show, Oct. 19 in Billings, Mont. Chris & Sharon Sankey, Council Grove, and Foster Campbell, Bossier City, La., own the January 2011 son of Sankeys Lazer 609 of 6N. He earlier won junior champion. Kyle Conley, Sulphur, Okla., evaluated the 112 entries.

Photo by Shelia Stannard, American Angus Association



J. W. Brune assesses the cow/calf pairs at the Irvine Production Sale on November 3rd at the farm.

### HAY SAVING BALE FEEDERS



**\$475.00**

- 14 gauge 1 1/4" square tubing
- 16 gauge sheet metal
- Full welded one piece construction
- Weighs 375 pounds

#### Wilgers Welding

PALMER, KANSAS • 785-692-4289

**Concordia Town & Country**  
CONCORDIA, KANSAS • 785-243-7900

#### Key Feeds

CLAY CENTER, KANSAS • 785-632-2141

MINNEAPOLIS, KANSAS • 785-392-5120

#### Shamburg Feed

BELOIT, KANSAS • 785-738-5181

#### Fred Rogge

WASHINGTON, KANSAS • 785-541-0202

### CONSIGN TODAY FOR HARLEY GERDES 28TH ANNUAL NEW YEARS DAY CONSIGNMENT AUCTION

Tuesday, January 1, 2013 • Lyndon, Kansas

**\*\* AD DEADLINE IS DECEMBER 12! \*\***

**Largest, Most Active Auction of the Year, nothing beats LIVE, competitive bidding!**

- One piece or complete closeout • Trucking Available
- LOW, Fair commission rates • Fenced, secure lot, next to 75 Hwy.

**CALL TODAY!**

**785-828-4476 or cell: 785-229-2369**

Visit us on the web:

[www.HarleyGerdesAuctions.com](http://www.HarleyGerdesAuctions.com)

### Building Solutions You Can Trust

"Experience the Difference"

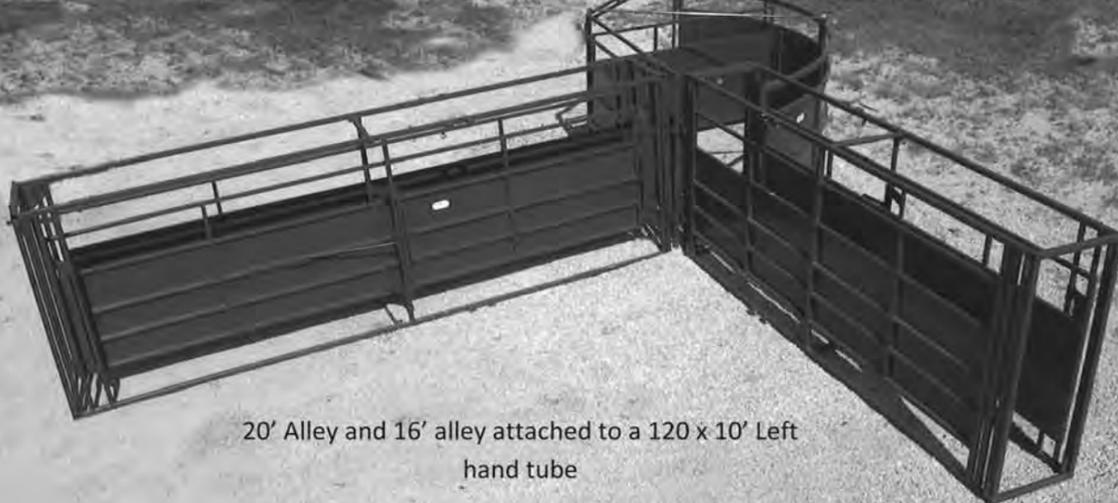


Engineered Wood Framed Metal Buildings  
Call for FREE ESTIMATE or visit our Website  
For on-line pricing  
Building Materials and do it yourself  
Building kits available.

#### K-Construction Inc.

Alta Vista, KS  
**785-499-5296**  
[www.k-constructioninc.com](http://www.k-constructioninc.com)

## Corbin Steel Products



20' Alley and 16' alley attached to a 120 x 10' Left hand tube



Continuous Fence panels 1 1/4" and 1 1/2" 20' long  
New #2 steel Rail pipe and Post Pipe  
NO USED PIPE



Tub/Sweeps available in 180 and 120 by 10' Left or Right Hand  
Adjustable alleyways available in 10', 16', 20', 20'w/palpation, 24'w/palpation, & 24'w/palpation & chute  
Curved Alleyways also Available



10' x 120 degree Left hand Tub

"Do it Right, Do it Once"

"Genuine Corbin"

1-877-448-6325

Odessa, Missouri

[www.corbinsteel.com](http://www.corbinsteel.com)

### Hay Express™



Faster, Safer & more economical Hay Transfer



### Unreserved ONLINE ONLY Auction

Ending Thursday, Dec. 6, 2012

First Lot Closes 10:01 A.M. Central Time  
NO Reserves & NO Buyers' Premiums

The following items are owned by different owners around the area.  
Please visit [CORNLEAIRON.COM](http://CORNLEAIRON.COM) for specific information and location.

**COMBINES:** '04' Case IH 2388 HRS:1309/869; '02 JD 9550 4WD HRS: 3732/2748; '00 JD 9550 HRS: 5500/3952; '98 Case IH 2388 HRS:2627/1956; '96' New Holland TR-98 HRS:3100/2100; '96' JD 9600 HRS:3439/4917; '87' Case IH 1660 HRS:4712; '89' New Holland TR-96 HRS:4418; '86' New Holland TR-86 HRS:3222; '86' JD 7720 Titan II HRS:3081.

**TRACTORS:** '01' JD 8310 MFWD HRS:7401; '95 JD 6300 W/Loader HRS:3604; '84 JD 4650 MFWD HRS:11000; CIH 3594 MFWD HRS:6000; '87 JD 4250 MFWD HRS:9961; '83' JD 4850 Overhauled HRS:9527 Shown; '81' JD 4040 HRS:132 Shown; '80 JD 4440 W/Loader HRS:8377; '79 JD 4440 HRS:9225; Ford 9030 Bi-Directional HRS:5676; '75 JD 4430 HRS:5281; '74 JD 4430 HRS:3532 Shown; '73 JD 4430 HRS:5232; '74 JD 4630 HRS:6000; JD 2840 W/Loader; JD 1020 HRS:7601.

**FEED TRUCK:** 1998 Freightliner Feed Truck; Roto-Mix IV 524-15B Miles: 28,150 Miles HRS:5289-Nice!

**CORNHEADS:** '99 JD 693 Poly; '93 NH 973 8RN; '90 CIH 1083; JD 843; CIH 963; CIH 863; MF 1183; JD 443.

**HAY EQUIPMENT:** 2010 John Deere 568 Round Baler; Case IH RBX-561 Round Baler; 2007 12-Bale Atchinson Bale Mover; (2)-Schwartz 760 Feed Wagon With Scale; Brand New Pull-Type 24' Feeder Wagon.

**GRAIN HEADS:** '09 CIH 2020-30'; '10 CIH 2020-25'; '09 CIH 2020-25'; '01 CIH 1020-30'; '02 JD 925F Air Reel; '02 JD 925F; '98 JD 920F; '96 CIH 1020 20'; '97 JD 922F.

**GRAIN TRUCK:** 1976 Ford 9000 Twin-Screw-20' Steel Box-13-Speed; Cumming Diesel-Overhauled Miles:559,XXX; 1974 Ford 9000 Twin-Screw-20' Steel Box-10-Speed; Detroit Diesel Miles:307,939; Freightliner Cab-Over Grain Truck.

**PLANTING EQUIPMENT:** JD 7300 8RN-JD 300 Mon; JD 7200-8RN Liquid Max-Emerge-JD 250 Mon.

**TILLAGE:** 2010 Sunflower 1544 Disk W/Harrow-44'-Used As Demo; 22' Case IH 3900 Disk; 28' JD 980 Field Cultivator; Landoll Till-Oil 22' Mulch Finisher; JD 900 9-Shank Ripper.

**INDUSTRIAL:** John Deere 644G Pay loader HRS:12248; INT 412 Scraper; Hancock 282 Scraper; INT E-200 Scraper; Pull-Type 12 YD Soil Mover.

THIS IS ONLY HALF OF THE ITEMS. PLEASE CHECK [CORNLEAIRON.COM](http://CORNLEAIRON.COM) FOR COMPLETE AUCTION LISTING

"NOW HIRING EQUIPMENT REPRESENTATIVES CONTACT US FOR EMPLOYMENT OPPORTUNITIES"

Cornlea Iron Auctions is the newest addition to Michael Wegener Implement Company. Over 50 years' experience in buying, selling and trading, located in Cornlea, Nebraska.

Jared Wiehn: 402-923-0511,  
888-923-0511 (toll free) • 402-920-1689 (cell)  
Visit [www.cornleairon.com](http://www.cornleairon.com) for updated listing.

### Michael Wegener Implement



Cornlea, NE 68642 • 402-923-1160  
See Our Web Site at  
[www.wegenerimplement.com](http://www.wegenerimplement.com)



# Award for Excellence in Research to multistate collaboration for work on soybean rust; K-State's Jardine among those honored

The 2012 Experiment Station Section Award of Excellence in multistate research will go to a team of scientists from agricultural experiment stations at Land-Grant Universities across the country for identifying management strategies for soybean rust, a fungal disease that poses a serious threat to U.S. soybean production.

Those recognized include Doug Jardine, Extension plant pathologist with K-State Research and Extension.

For the past five years, the National Institute of Food and Agriculture (NIFA) and the Association of Public and Land-Grant Universities (APLU) have presented this award in recognition of successful, well-coordinated,

high-impact research and Extension efforts. The team was honored at the Annual APLU Awards Program in Denver, Colorado, on November 11, 2012.

This year's winning project, NCERA-208 "Response to Emerging Soybean Rust Threat," was recognized for responding rapidly to the threat of soybean rust, which was first detected in the U.S. in 2004, and caused serious concern due to high yield losses from the disease in South America. The disease has spread through the Southern and Midwestern U.S., with some states experiencing severe yield losses in isolated areas. Because disease-resistant soybean varieties are not yet available, the industry is completely dependent

on fungicides to control its spread.

"Kansas soybean producers were major beneficiaries of this collaborative effort," Jardine said.

Beginning in 2005, soybean rust sentinel plots were established across the state to monitor the establishment and spread of rust within the state.

"Because of these efforts, growers were confident in not applying fungicides to their crops in 2005 and 2006. In 2007, when soybean rust did appear in Kansas, fungicide applications were able to be targeted only to those areas of the state with established infections," Jardine said. "Continued monitoring has indicated that no soybean rust has occurred in the state since 2007,

saving producers \$25-\$30 per acre for every acre not sprayed."

Jardine is part of the NCERA-208 team of scientists who have taken crucial steps toward minimizing this disease threat. Researchers have made valiant efforts to test and register fungicides for use in the U.S., giving soybean producers more options for controlling the disease. The project established an extensive disease monitoring system that has helped farmers know more precisely when and what types of fungicide to use. Timely, accurate information has greatly reduced the amount of fungicide used by growers, thus saving the soybean industry hundreds of millions of dollars and reducing

human and environmental health risks.

The group is also being recognized for innovative research on disease-resistant soybean varieties, which will provide more environmentally and economically sustainable long-term disease management. The project has produced numerous multimedia materials that have been important for educating soybean growers, regulators, and other industry members in the U.S. and abroad about soybean rust and have diminished their apprehension about the disease.

Support for this project

comes from the Multistate Research Fund established in 1998 by the Agricultural Research, Extension, and Education Reform Act (an amendment to the Hatch Act of 1888) to encourage and enhance multistate, multidisciplinary research on critical issues that have a national or regional priority.

This year's Award of Excellence in Multistate Research honors the outstanding collaboration and commitment of the participating scientists representing more than 30 different land-grant universities, federal agencies, and industry associations.

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

30 x 50 x 10 .....\$6,800 36 x 48 x 10 horse barn ...\$8,000  
40 x 60 x 14 enclosed ....\$14,600 40 x 100 x 16 enclosed ..\$19,900

Price includes labor, 1 walk door and a 12' sliding door  
[www.DTCBarns.com](http://www.DTCBarns.com)

**STOP**  
**Water from coming in your Basement or Grain Elevators**

I will pump gel (Oilfield gel) under your floors and/or behind your wall to fill any space or crevice where water can creep into your basement or grain elevators. All work guaranteed.

**DON'T WAIT.**  
**CALL BILL NICHOLS WATERPROOFING NOW**  
**1-800-215-0537**  
8 a.m.-6 p.m. Monday thru Saturday  
\*Free Estimates-No Excavating \* Don't wait until it floods again \*

**KROGMANN BALE BEDS**



\* 12 gpm engine driven hydraulics or electric models  
\* Ask our customers about Krogmann dependability, durability and our 3 year warranty  
\* Options available: across the bed toolboxes, side toolboxes, carry-alls, 3rd spool valve, cake feeders and posthole diggers

— CALL FOR A DEALER NEAR YOU —

**KROGMANN MFG.**  
Sabetha, KS • Toll Free **1-877-745-3783**  
[www.krogmammfg.com](http://www.krogmammfg.com)

**BRAND LEGACY**  
Ranchland Trust of Kansas

Let us help you preserve your brand legacy for generations to come.

Brand Legacy packages include:

- creation of a detailed narrative featuring your farm or ranch heritage archived on RTK's website,
- custom notepads,
- a one-of-a-kind metal sign,
- and a personalized photo book of your Brand Legacy.

Contact RTK to preserve your Brand Legacy today!  
(785) 273-5115  
[www.ranchlandtrustofkansas.org/brandlegacy](http://www.ranchlandtrustofkansas.org/brandlegacy)

**Buy Right Buy Now!**



Are you looking to expand your grain drying and storage facility? The time to buy is now, and the brand to buy is Sukup!

On-farm storage is a great investment in your operation's profitability and Sukup has the equipment you need to put together the best system available. Call or stop in today to find out why.

Contact: 

**F & L CONSTRUCTION**  
Frank Engelken 845 C Road Centralia, KS 66415 785-857-3293  
Joshua Engelken 4609 Grantham Drive St. George, KS 66535 785-564-0642

**The Best Drills for Depth Control**  
13' to 45' All Plant Series Drills



**The No-Till Drill of Choice**

Exclusively from CrustBuster! **Optional Hydraulic Seed Drive**

- Variable rate control capability
- Reduces need to change sprockets
- On-the-go rate control
- Individual section shut-off control

- 3-Section 40' and 45'
- 2-Section 20', 25' and 30'
- Single Section 13' to 15'

**The Only All Metal Seed Cup on the Market!**

- Wobble Slot for varying seed sizes, weights and rates
- The best single seed placement

Parallel Linkage Opener   
[www.crustbuster.com](http://www.crustbuster.com)  
620.227.7106  
P.O. BOX 1438 | DODGE CITY, KS 67801

**Sterling Construction**  
Serving KANSAS Customers Since 2001



- ✓ All Metal Screwed
- ✓ 2 x 6 Wall Girts
- ✓ 3 Ply Laminated Columns
- ✓ Certified Truss's
- ✓ Spray Foam Insulation

Designed and Built to Meet Your Needs  
40 Year Paint Warranty  
Up To 60' Clear Span

**CALL Today to Get Your Free Quote and SAVE!**  
PO BOX 6, WOODBINE, KANSAS 67492  
Terry Cash- Sales 620-272-4167 • Vaughn Sterling- Sales 620-222-4000

**TRACT #1 NICE HOME ON 5 ACRES**

**THE HUMBARGER LAND 158 ACRES**

**FARMLAND AUCTION**  
Thursday, December 20, 2012 7:00 p.m.  
Sale held at the Herington Community Building 810 S. Broadway, Herington, Kansas

**Dickinson County Farmland & Grassland with nice home**

**GENERAL INFORMATION:**  
This property has been owned by the Humbarger Family for a long-long time and offers the opportunity to purchase a nice rural home located on blacktop Hwy 4. Be sure to attend one of the open houses. Visit [www.riordanauction.com](http://www.riordanauction.com) for additional information.

**TRACT #1:** 2315 Hwy 4, Herington, Kansas. 5.0 surveyed acres in SW/4 of 35-15-4E. Includes 1,759 square foot, three bedroom, 1 1/2 bath, 1 1/2 story home on partial unfinished basement. Includes single car detached garage. Outstanding home and beautiful location on blacktop. 2012 taxes are \$1,111.06. Survey on website.

FSA INFORMATION:	Farmland Acres	Cropland Acres	Wheat Base/Yield	Sorghum Base/Yield
Tract #2	154.9	62.6	45.7 28	12.1 42

The above are FSA estimates only and are not guaranteed.

**Open House - Tract #1**  
Sun., Dec. 16, 2012 - 4:00-5:00 p.m.  
Tue., Dec. 18, 2012 - 4:00-5:00 p.m.  
Financing available to qualified buyers. Contact Auction Company.

**TERMS AND CONDITIONS:**  
10% due day of sale, with balance due 01-18-2013. If for some reason title conveyance cannot be completed by 01-18-2013, buyer to pay 10% per annum interest on unpaid balance from 01-18-2013 until date sale is closed.

**TRACT #2:** SW/4 of 35-15-4W, less Tract #1. 58 acres tillable (all in wheat), approximately 90 acres meadow. Nice combination of grassland and cropland provides excellent habitat for upland gamebird hunting with year-round accessibility. 2012 taxes are \$664.74 based on 153 taxable acres.

**ATTORNEY:** Charles R. Rayl, LLC Cottonwood Falls, KS

**SALE CONDUCTED BY:**  
  
PO: (785) 455-4747  
124 W. MAIN  
SOLON, KANSAS 67480  
Specialists in Land Auctions  
DENNIS L. RIORDAN • BROKER-AUCTIONEER  
[www.riordanauction.com](http://www.riordanauction.com)

2012 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 Seller in this transaction.

**POSSESSION:** Farm selling subject to the existing tenant rights of Roger Hummel.

**Home:** At closing  
**Wheat Ground:** After 2013 harvest. Buyer to receive 1/3 of crop and pay 1/3 of fertilizer applied after sale date.  
**Meadow:** At closing

**SELLER:**  
Velma Humbarger Estate  
Marsha Obermeyer, Administrator

# GRASS & GRAIN Auction Sales Scheduled

December 5 — Linn County Land & Osage County Land at Garnett. Auctioneers: C.D. Schulte Agency, Ron Ratliff.

December 5 — Tractors, combines, floaters, sprayers, fert. & chemical equip., balers, skid steers, trucks, farm equip. online (www.bigiron.com). Auctioneers: Stock Auction Co.

December 6 — Webster County, Nebraska pasture & tillable cropland (in Inavale, Neb. area) at Red Cloud, Nebraska for Richard A. & Emily J. Strickland Trusts. Auctioneers: Larry Lagasse Auction & Real Estate.

December 6 — Real estate (home) at Riley for Douglas & Blair Tenhouse. Auctioneers: Crossroads Real Estate & Auction, LLC.

December 6 — Combines, tractors, feed truck, corn heads, grain heads, grain truck, planting equip., tillage & industrial online (cornleairon.com). Auctioneers: Cornlea Iron Auctions.

December 6 — Smith County hunting properties at Gaylord. Auctioneers: Frieling Realty & Auction.

December 7 — Jackson County real estate at Delia for Parr Family. Auctioneers: Gannon Real Estate & Auctions.

December 7 — Lincoln County pasture land, cropland & wildlife habitat real estate at Sylvan Grove for Heirs of the late Lawrence & Lela Mettlen. Auctioneers: Victor Brothers Auction & Realty, Inc.

December 7 — Tractors, combine, heads, trucks, trailers, equipment, grain bins & augers, misc. near

Fairbury, Nebraska for Donn & Marilyn Endorf. Auctioneers: Schultis & Son, Inc.

December 8 — Furniture, Christmas items, glassware, collectibles, tools & misc. at Junction City for Kelly & others. Auctioneers: Brown Real Estate & Auction Service, LLC.

December 8 — 2 auctions, 1 day, grassland in 2 tracts, shop tools, firearms at Ellsworth. Auctioneers: United Country Theurer Auctions/Realty, LLC.

December 8 — Gun, camper, boat, sporting equipment, coin & household at Leoti for M. Joe Young. Auctioneers: Berning Auction.

December 8 — Coins & jewelry at Lawrence. Auctioneers: D&L Auctions.

December 8 — Farmland (known as the Peony Patch) at Salina. Auctioneers: Wilson Realty & Auction Service.

December 8 — Fire truck, livestock trailer, truck, tools, household & leisure at Halstead for Bernard Gatz Living Estate. Auctioneers: Auction Specialists.

December 8 — Sprayers, tractors, construction, trucks, combines, corn heads & platforms, grain carts, hay equip., lawn & garden, implements & attach. & more at Richmond, Missouri for Richmond Farm & Lawn. Auctioneers: Wheeler Auctions.

December 8 — Tools, garden equipment, furniture, household, misc. RR, primitive tools & collectibles at Herington for Velma Humberger Estate. Auctioneers: Bob's Auction Service.

December 9 — Books, collectibles, glassware, fur-

niture & misc. at Lawrence for Ann Hyde (& items from Alexandra Sandy Mason). Auctioneers: Elston Auctions.

December 9 — Antiques, Coca Cola new & vintage items at Newton. Auctioneers: Sundgren Realty, Inc.

December 10 — Combine, tractors, trucks, hay equip., farm equip. at Larned for Melvin Murphy Jr. & Janet Murphy. Auctioneers: Carr Auction & Real Estate, Inc.

December 11 — Butler County land at El Dorado. Auctioneers: Sundgren Realty, Inc.

December 12 — Combines, tractors, semi trucks, trucks, trailers, forklifts, livestock equip., tillage equip., trailers & more online (www.bigiron.com). Auctioneers: Stock Auction Co.

December 12 — Bidding starts to end: online ag equipment (www.purplewave.com). Auctioneers: Purple Wave Auctions.

December 12 — Home & acreage at Junction City for Randy E. & Sandy R. Wyatt. Auctioneers: Brown Real Estate & Auction Service, LLC.

December 12 — Jackson County real estate at Delia for Severin & Diane M. DeBacker. Auctioneers: Gannon Real Estate & Auctions.

December 13 — Doniphan County real estate at Highland for Emma June LeBow & Thomas D. Lucas. Auctioneers: Horizon Farm & Ranch Realty, LLC.

December 13 — Dickinson County farmland at Abilene for Lois McCulley

Trust. Auctioneers: Reynolds Real Estate.

December 14 — Office building at Wichita. Auctioneers: JP Weigand & Sons, Inc.

December 15 — Real estate & personal property at Alma. Auctioneers: Murray Auction & Realty.

December 15 — Free Span Industrial building at Belle Plaine. Auctioneers: JP Weigand & Sons, Inc.

December 17 — Ellis & Rush Counties real estate at Hays for Sherriff Sale. Auctioneers: Farmland Auction & Realty Co., Inc.

December 18 — McPherson County cropland at McPherson for Claude Woodard, Robert Woodard, Gloria Boyett. Auctioneers: Griffin Real Estate & Auction Service, LC.

December 20 — Dickinson County farmland & grassland with nice home at Herington for Velma Humbarger Estate. Auctioneers: Riordan Auction & Realty.

January 1, 2013 — Harley Gerdes 28th annual New Year's Day consignment auction at Lyndon. Auctioneers: Harley Gerdes Auction.

January 19, 2013 — Household goods, antiques & misc. at Leonardville for LaVerne & Fern Hageman. Auctioneers: Kretz, Hauserman, Bloom Auction Service.

March 2, 2013 — 35th Gelbvieh Balancer & Red Angus sale at Pomona for Judd Ranch.

March 9, 2013 — Machinery consignments at Concordia for Concordia Optimist Club.

March 11, 2013 — Large farm machinery & misc. S. of Abilene for Dale Dautel Estate. Auctioneers: Kretz, Hauserman, Bloom Auction Service.

## Consider storage efficiency of off-season irrigation

By Todd D. Whitney, DEA Crops/Soils River Valley Extension District

Water is the most important resource for crop production. Therefore, if water supply needs are met through in-season irrigations, the crop's maximum yield will be reached. However, many irrigators were disappointed when the hot, dry weather caused their 2012 irrigated crop yield to be dramatically lower due to the crop water needs being outpaced by the irrigation system's ability to supply adequate water. According to Dr. Loyd Stone, K-State soil water management specialist, reduced well water capacity and lower water tables further provided difficulty for many irrigators to meet the crop's needs strictly from in-season irrigations.

As a result, many irrigators with medium- to fine-textured soils are considering using off-season irrigation in the fall or prior to the next crop being planted. By adding water to the soil profile with these off-season irrigations prior to the growing season, irrigators will "better keep up" with crop demand if the next irrigation season is also extremely hot and dry. These "off-season" irrigation applications can then be a form of insurance.

Dr. Stone cautions, though, that recommendations for "off-season" irrigations do not apply to sandier soils with low water-holding capacity. "Off-season" irrigation recommendations are provided in the new K-State Research and Extension (August 2012) MF3066 publication, "Efficient Crop Water Use in Kansas" which outlines water-holding capacities for varied soils. Off-season irrigations are almost always less efficient than in-season applications, so these irrigations are only recommended if in-season irrigations likely will not keep up with crop water needs.

Water applied during the off-season can be lost due to drainage from the soil profile or through evaporation. This applied water may also become unnecessary if high spring rainfall would have filled the soil profile even without the off-season irrigation. Efficiency begins to drop off dramatically with off-season irrigations when the percent available water in the soil profile is greater than 60% at the application time.

If the soil profile is at 70-80% of available soil water, off-season irrigation is not recommended, especially in the fall. The efficiency of such an application under these conditions would be very low.

More information on irrigation and water use efficiency is available at the K-State website at: www.ksre.ksu.edu or any of our River Valley Extension District offices (785) in Belleville (527-5084); Clay Center (632-5335); Concordia (243-8185) or Washington (325-2121).

### AUCTION

**SUNDAY, DECEMBER 9 — 1:00 PM**  
 HARVEY COUNTY FAIRGROUNDS 4-H BUILDING, NEWTON, KS  
 (The corner of Grandview & 1st St.)  
**PROPERTY OF LARRY KRAMER**  
**RARE & UNUSUAL ANTIQUES**  
**YOU MAY NEVER SEE AGAIN!**

**Antiques Include:** Stack Bookcases, Spool Cabinets, Hardware Store Display Cabinets, Old Metal Toys, Oil & Gas Cans, Metal Signs, National Cash Register, 12" Seed Cabinet & More!  
**100's Of Vintage Coca Cola New Old Stock including:** Rare Metal Signs, 1939 Coca Cola Playing Cards, Sprite Boy Signs, 1930s Aluminum Door Handle, Squirt Signs, Many Coca Cola Cardboard Signs from the '40s & '50s, Advertising from Nesbitts, Squirt, Masons Root Beer & More!

**LOTS OF MISC.**  
**HIGH QUALITY, RARE & UNUSUAL ANTIQUES!!**  
 All announcements made the day of the auction take precedence over any printed material.  
 View our website for pictures & details [www.sundgren.com](http://www.sundgren.com)  
**SUNDGREN REALTY INC.,** 218 E. Central, El Dorado, KS 67042  
 Joe Sundgren, Broker, 316-377-7112  
 Jeremy Sundgren, 316-377-0013 Rick Remsberg, 316-322-5391

### 2 AUCTIONS - 1 DAY

**405 AC GRASS w/SPRINGS, TILLABLE IN 2 TRACTS**  
**AUCTION: Sat., Dec. 8th, 10:00 am**  
 @ Ellsworth Sr Ctr, 115 E. Main St, Ellsworth, KS  
 162 ac all grass, 4 springs, NW/4 31-15-8W; 243 ac, 185 ac tillable, 58 ac grass, NE/4 & N/2 SE/4 36-15-9W; loc 1/2 mi W and 2 mi SW of Ellsworth on 14 Rd

**SHOP TOOLS, FIREARMS**  
**AUCTION: Sat., Dec. 8th, 12:30 pm**  
 @ 129 S Douglas, Ellsworth, KS  
 Elesely & Enco milling machines, South Bend lathe, Campbell Hausfeld air comp; elec & MIG welders; grinders, cut off saws, hacksaws, band & radial arm saws; IHC Cub Cadet riding mower; Murray Ultra riding mower; hand & power tools; 2009 Chev Aveo LT, 33087 mi. Firearms incl Winchester 1897 12 ga SG, Swedish Mauser Military 6.5x55 bolt action rifle, 6mm 06 bolt action rifle w/Bushnell scope, Infield M1 carbine 310 cal semi-auto + more shotguns & rifles, asstd gun-loading equip  
**FRANK HOCHMAN TRUST, Seller**

**620.326.7315**  
[www.uctheurerauctions.com](http://www.uctheurerauctions.com)  
 UCTheurerAuctions.com

### 316 +/- ACRES BUTLER COUNTY LAND \* 2 INDIVIDUAL TRACTS

## LAND AUCTION

**TUESDAY, DECEMBER 11 — 6:00 PM**  
 Auction Location: El Dorado Civic Center, 201 E. Central - El Dorado, KS  
**GREAT OPPORTUNITY FOR AG PRODUCERS & INVESTORS!**  
**LOLA LEE JACKSON ANIMAL WELFARE FOUNDATION, SELLER**

**Land Location:** From El Dorado, Ks, 5 miles east on Hwy. 54 to Hwy. 177, North 10 miles to NE 90th St., East 1/4 mile to NE Price Rd., South 1/2 mile.  
**Tract 1:** 156 +/- Acres, Durachen Creek, Tillable Bottom Ground, Creek, Timber, Native Pasture, 1 Pond, Huge Mature Timber.  
**Tract 2:** 160 +/- Acres Native Pasture, Timber, 1 Pond, Timbered Draw, Brome Grass, Gently Rolling Terrain.

**BOTH TRACTS OFFER 1ST CLASS KANSAS WHITETAIL DEER AND TURKEY HUNTING!**  
 All announcements made the day of the auction take precedence over any printed material.  
 View our website for more details & pictures [www.sundgren.com](http://www.sundgren.com)  
**SUNDGREN REALTY INC.,** 218 E. Central, El Dorado, KS 67042  
 Joe Sundgren, Broker, 316-377-7112  
 Jeremy Sundgren, 316-377-0013 Rick Remsberg, 316-322-5391

### WEIGAND AUCTIONS

For Auction Flyers, Photos & Videos, Visit: [www.WeigandAuctions.com](http://www.WeigandAuctions.com)

**SATURDAY, DECEMBER 15 @ 10:00 A.M.**  
**FREE SPAN INDUSTRIAL BLDG.**  
**IN BELLE PLAINE, KS - SUMNER COUNTY**



Located on the NW/c of 10th Ave. & Logan St., Belle Plaine, KS. Heated 8,000 ± sf industrial warehouse building on 2.9 ± acres. Property features include (4) 18' x 14' overhead doors, 23 ft. ceiling height at eaves, three offices with mezzanine storage, 3-phase/200 amp power, & concrete floor + an additional 2,600 ± sf, open face storage shed. All on a concrete, fenced lot! Lots of room for outside storage. Great opportunity for a business or farming operation. Auctionheld on-site. Call Patrick Ritchie or John Rupp, ALC.

Call John Rupp, ALC or Terry Rupp, ALC at 316-262-6400.  
 J.P. Weigand & Sons, Inc. Commercial Division

### AUCTION

**THURSDAY, DECEMBER 6 — 7:00 PM**  
 Location: On-site at 217 S Riley — RILEY, KANSAS

**LEGAL:** Allen Flynn Addition, Lot 5 Block 3

This is a charming 1-1/2 story home built in 1953 with 3 bedrooms, 1 bath and a 2 car garage. It has a pantry, hardwood floors, ceiling fan and an outdoor patio. It is heated by a propane forced air furnace and has central air conditioning, asphalt roof is less than 10 years old. All this sets on a nice sized corner lot of 7186 sq ft. 2011 Taxes were 1514.86

**Viewings: Call Ron Hinrichsen at 785-770-0222 for appointment**

**SELLER: DOUGLAS & BLAIR TENHOUSE**  
 View additional pictures at [www.kscrossroads.com](http://www.kscrossroads.com).

**TERMS:** Property sells AS-IS, WHERE-IS. No contingencies accepted. Bank letter of funds or letter of loan approval. 10% non-refundable down money is required day of sale. Buyer must be able to close by December 28, 2012. Cost of Title Insurance and Closing Costs to be split equally between Buyer and Seller. Preliminary Title Work is available for review. All announcements day of sale take precedence over written materials.



**Viewings: Call Ron Hinrichsen at 785-770-0222 cell**  
**www.kscrossroads.com**  
**CROSSROADS REAL ESTATE & AUCTION, LLC**  
 406 Lincoln, Wamego, KS • Terri Hollenbeck, Owner/Broker  
 785-456-6777

### AUCTION

**SATURDAY, DECEMBER 8 — 10:30 AM**  
 221 Chestnut — HALSTEAD, KANSAS

- 1965 Fire Truck Chevrolet 60 Series Class Pumper Fire Apparatus Body, 292 Cu In 6-Cyl Engine, 4 Speed Manual Trans, 3755 Orig. Miles, 500 GPM Front Mount American Fire Pump/300-gal Booster Tank/2 Booster Reels (manual)
- 1941 J D Model B #94637 (restorable, not running)
- 1975 6' x 16' Sooner Livestock Trailer, New Floor (sold with bill of sale)
- 1931 International Truck, 6 Speed Special, 1 1/2 Ton, (restorable)

**TOOLS, HOUSEHOLD, LEISURE:** Wichita Police Dept "The American" Saddle; 1 Western Saddle; Treasure Tracker Metal Detector; 360' + 1 1/2" PVC Pipe; Assorted 4x4, 2x4, 2x8 Used Lumber; Assorted Pile Short Length Treated Lumber; Assorted Laminated Flooring; Joist Hangers; New 200 AMP Elec. Service Box; 2" Wood Top Bench; (2) Oversized 4-Drawer File Cabinets; (3) New 50' Soaker Hoses; Travelling Lawn Sprinklers; Pull Behind Yard Sprayer; 5' Wooden Step Ladder; Steel Wheel Wheel Barrow; Misc Sockets; Hand Tools, Etc.; Car Ramps; B&D Skil Saw; 10 New Electric Fence Posts; 2 Iron Wheels from Road Grader; Fertilizer Spreader; Remington Chain Saw; Air Conditioner (as is); Small Charcoal Grill; Fishing Equipment; 4 Tine Fish Jig; Workmate; Shop Box; Step Stool Caddy; Pipe Clamps; 2 Chicken Crates; 3 Round Kitchen Tables; 3 Pc Plastic Patio Set; New Room Divider; Child's Porch Bench Set/Wood Iron; Manual for 1931 IHC Truck; Other old Truck Manuals to early 1930's; Set of JD 6600 Combine Manuals, More.

**BERNARD GATZ LIVING ESTATE**  
 Auction Specialists, LLC  
 Newton, Kansas  
[www.auctionspecialists.com](http://www.auctionspecialists.com)  
 VERN KOCH 316.283.6700  
 MIKE FLAVIN 316.283.8164  
 Nick Holzrichter, Guest Auctioneer



# BAXTER BLACK

ON THE EDGE OF COMMON SENSE

## Kayo And The Mare

Getting bucked off is always a possibility in the daily life of a journeyman horse trainer. They take on horses to break and ride. Kayo (an alias to protect the guilty) had gained a good reputation for skilled horsemanship. Already accepted to vet school at WSU, Kayo could probably teach the faculty a lot about horse psychology! One of the local horse traders brought over a six-year-old paint mare named Kahlua that had a bad reputation and needed some schooling. She liked to buck!

Kayo knew the mare, having seen her being "aired out" in the local arena, where she had displayed her bad behavior. Kayo agreed to take her on. After five days in the round pen and another week of long rides in a nearby pasture, Kayo figured Kahlua was ready for the next step.

It was late afternoon. Kahlua was tacked up in a western saddle and snaffle bit. Our trainer was wearing chinks and a cowboy hat, screwed down tight! They headed up the road toward the outskirts of town. Kahlua pranced a lot, taking everything in; tractors, trucks, traffic, bicycles, fences, driveways, kids and racket in general. They stopped often to acclimate. Kayo had a good feeling about the horse. I'm told good trainers have this sixth sense. They crossed the

gravel road and headed back. One obstacle lay along their way, a construction zone.

The workers were on a break and several were lined up along the tall chain-link fence just watching. A couple of them hollered hoorahs. Kahlua's ears were circling like sonar dishes; she tensed up. Kayo noticed that the throatlatch was crooked and reached down to pull it back. At that moment, feeling the rider off balance and distracted, Kahlua broke in two! Kayo's head flew aft and then was slung forward... twice! On the third pitch Kayo flipped out over the swells, hooking the sleeve of both jacket and hoodie over the saddle horn. Kahlua did everything she could to shake off the baggage hanging on her left side!

The audience was cheering the action as horse and rider bucked and banged into a picket fence, mail boxes, car bodies, sawhorses and signs reading "Caution: construction area: STAY BACK!"

Finally, right in the middle of this three-ring circus, Kahlua, with one mighty power buck, peeled the jacket and hoodie off the flailing rider... leaving our journeyman trainer flat out in the dirt! Kayo stood unsteadily and looked back over her shoulder at the hard-hatted enthusiastic audience. Kahlua was gallop-

ing home with the jacket, hoodie and sports bra still hooked over the horn flying like semaphore flags on a Coast Guard cutter! Kayo was bareback, her right arm hanging dislocated and limp. She pulled her chinks up under her chin, glared at the appreciative construction crew and marched down the road mumbling unflattering nicknames for Kahlua.

### KANSAS

**ALMA**  
Miller Ranch Equipment 785-765-3588

**DURHAM**  
G&R Implement Co. 620-732-3245

**EUREKA**  
Diamond S Welding & Machine Shop  
620-583-7161

**GARDEN CITY**  
Becker Alfalfa 620-276-6102

**GLEN ELDER**  
Winkel Manufacturing 785-545-3606

**GREAT BEND**  
Gottschalk Equipment Sales 620-793-5120

**HAYS**  
Gottschalk Equipment Sales 785-625-8830

**HIAWATHA**  
Bruna Brothers Implement 785-742-2261

**LEONARDVILLE**  
Vermeer Baler Sales & Leasing 785-293-5583

**LOUISBURG**  
Romans Outdoor Power, Inc. 913-837-5225

**LYNDON**  
Sloop Sales & Hook's Repair 785-828-4706

**MARYSVILLE**  
Bruna Brothers Implement 785-562-5304

**McLOUTH**  
Courtney's Used Trucks 913-796-6198

**PLEASANTON**  
Conley Sales 913-352-6344

**SENECA**  
Bruna Brothers Implement 785-336-2111

**WASHINGTON**  
Bruna Brothers Implement 785-325-2232

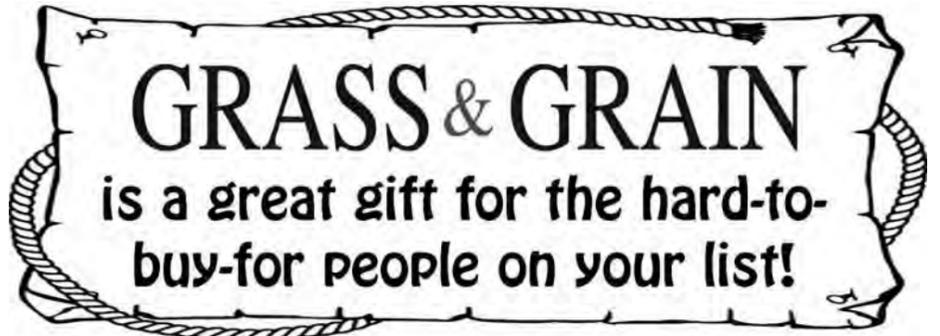
**WESTMORELAND**  
Berg Repair 785-457-3534

### NEBRASKA

**TALMAGE**  
Boltcher Ag Sales 402-264-2955  
800-284-0781

**VERDON**  
JT Farm Service, Inc. 402-883-2730

**WESTERN**  
Schwisow Hay 402-433-2136



**This is One Big Deal!**

**FOR A LIMITED TIME ONLY**

**0% FINANCING\***  
FOR UP TO 60 MONTHS  
ON SELECT MODELS  
November 1, 2012 - January 11, 2013

See your Vermeer Dealer TODAY for details!

And while you're there, be sure to place your pre-season order for Vermeer Net™ or Rebel™ Net. It's some of the toughest netwrap in the field.

**Vermeer**

\*New available on select new Vermeer hay equipment from November 1, 2012 - January 11, 2013 through Vermeer Credit Corporation. Maximum finance amount up to 100%, depending upon payment plan and credit approval. All rates, terms, and conditions are subject to change and credit approval. Minimum transaction \$2,500. Vermeer, the Vermeer logo and Rebel are trademarks of Vermeer Manufacturing Company in the U.S. and/or other countries. © 2012 Vermeer Corporation. All rights reserved.

## USED EQUIPMENT

<p><b>2008 Cat 299C</b> 1950 hrs., Cab, AC, 2 spd, Hyd QC. #9CR4377 <b>\$46,700</b></p>	<p><b>2011 Cat 216B3</b> 61 hrs., Canopy #1CR4726 <b>\$26,100</b></p>	<p><b>2008 Cat 246C</b> 801 hrs., Cab, AC #LUC0110 <b>\$31,600</b></p>
<p><b>2008 Cat 226B2</b> 913 hrs., Cab, Heat #OCR4476 <b>\$22,800</b></p>	<p><b>2007 Cat 287C</b> 900 hrs., Cab, A/C #LUC0098 <b>\$39,700</b></p>	<p><b>2007 Cat 906</b> New Reman Engine #OUC241 <b>\$35,500</b></p>

**Call Chris Thomes 816-753-5300 for more info.**  
Ask about financing for new Cat® Skid Steer Loaders!  
[www.foleyeq.com](http://www.foleyeq.com)

## Share the Magic of New Holland.

**UNWRAP THE FUN THIS HOLIDAY SEASON WITH TOYS FROM NEW HOLLAND.**

These authentic, small-scale reproductions of New Holland equipment are rugged and durable, just like their full-size counterparts. Available in a range of models and styles, they're sure to delight both the young and the young at heart. It's the equipment you love at just the right size to fit under your tree.

**STOP IN AND SEE US TODAY!**  
Or visit [partstore.agriculture.newholland.com](http://partstore.agriculture.newholland.com).

© 2011 CNH America LLC. All rights reserved. CNH and New Holland are registered trademarks of CNH America LLC. [www.newholland.com](http://www.newholland.com)

<b>KANSAS</b> Chanute • (620) 431-3600 Colby • (785) 462-3913 Concordia • (785) 243-1960 Dodge City • (620) 225-4121 Manhattan • (785) 537-2101	Olathe • (913) 393-0303 Salina • (785) 825-4661 Topeka • (785) 266-5770 Wichita • (316) 943-4211	<b>MISSOURI</b> Kansas City • (816) 753-5300 Sedalia • (660) 829-7400 St. Joseph • (816) 233-2516
--	---	--

## KanEquip Inc. .com

**18035 E. HWY 24  
WAMEGO, KS  
888-456-2041**