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Angus enthusiasts travel to New Zealand

By Clinton Lafflin

"This is the Captain of Air New Zealand Flight 2 speaking; on behalf of the flight crew I want to welcome you to Christchurch, New Zealand."

On October 4, 2013, the adventure to the World Angus Forum began for fifteen Angus breeders from the U.S. After sixteen hours of flight time and seemingly endless security checkpoints, the American delegation was ready to disembark from their Boeing 757 and look at Angus cattle.

The World Forum kicked off in Christchurch with a welcome celebration of Angus enthusiasts from fifteen countries. Dialects from Ireland to Argentina could be heard discussing the impact of Angus beef on the global cattle industry. The first of many "Toto, we are not in Kansas anymore" moments happened when alumni from Oklahoma State and Kansas State University realized the World Rugby championship was being played on television, not the hyped American football game between the Cowboys and the Wildcats.

Each delegate utilizes Angus genetics differently depending on their environmental challenges, consumer preferences and market limitations. Despite these differences everyone's passion for the Angus breed was evident. From Joyce Potter, the strong-willed Australian cattlegirl who has outlived both her husbands, to Jonathon and Judith Chapman, the pair of newlywed large animal vets from the United Kingdom, Angus is truly the business breed for the globe.

These black, and red cattle perform well in multiple environments. New Zealand utilizes a grass-fed produc-



With New Zealand's Mt. Cook in the background, Clinton Lafflin holds Crumble the bull. Lafflin was in New Zealand to attend the World Angus Forum.

Photo by Miguel Sobrino

tion system where producers rely solely on an animal's foraging ability, not on performance experienced from a feed bucket. Five Star Beef is the only commercial feedlot in the country, and the dairy and sheep industries control the best grassland.

In New Zealand there are more dairy cattle in the country, 6 million, and sheep 34 million, than beef cattle, 4.4 million. Sheep outnumber people on an average of eight to one and can be spotted everywhere you look grazing side by side with cattle.

According to Linda Timberly an Angus producer and dairy owner in New Zealand, many producers are increasing dairy herd numbers because of increasing milk prices.

"Rising dairy numbers and dairy industry profits have caused the best grazing land to be purchased by dairies, for dairy support, and pushed sheep and cattle back to more marginal pasture ground," Timberly said.

Dairy support refers to the high quality pasture ground utilized by dairies to feed milk-producing cows. The dairy industry in New Zealand does not give added feed supplements to their cows, instead producers rely solely on their foraging ability. Demand of high quality grass by the dairy industry, coupled with the sheep industry limits the

quality of grass available for beef cattle production.

Beef cattle are expected to perform in rocky, uneven terrain, and mud. The general manager of Te Mania Angus Stud, John Harrington believes environmental conditions influence how New Zealand cattlemen select livestock, both phenotypically and genetically.

"Feet and leg structure is critical in New Zealand because high rainfall totals and challenging terrain are tough on the hoof," Harrington said.

Areas along the Southern Pacific coast receive rainfall totals of 50-75 inches annually according to Harrington. Forum delegates were shocked at how much the environment changed in twenty minutes. Beef cattle are expected to flourish in every environment from a semi-arid region, devoid of lush grass and comparable to Wyoming, to the emerald green grass carpet of rolling hill country.

These environmental changes impact calving dates, genetics utilized, and how cattle are marketed. Lindsay Jones, the largest semen distributor in New Zealand, understands how the environment impacts his clients, specifically those on the North Island of the country.

"Many producers on the North Island don't calve first-calf heifers until the age of three, due to environmental stress and feed short-

ages," said Jones. "Cattlemen hope these heifers will breed back in higher percentages than their two-year-old counterparts."

John and Robin Murray are third generation family owners of WoodBank Angus stud located in Kaikoura, New Zealand. The stud was started in 1900 by John's father Ross, with the intent of producing stout, functionally sound cattle that could perform well in any environment. John believes that Angus cattle are still the answer for his clients because of their versatility.

To find the best genetics John and his son George utilize New Zealand bloodlines and look to what other countries are producing as well. This includes bringing in bulls from the United States.

"We appreciate cattle from the United States because it gives us a large pool of genetics to select from that fit our program goals," John Murray said.

Due to logistical challenges of importing live bulls from overseas, WoodBank and other Angus producers rely on importing semen from bull studs, artificial insemination and embryo transfer to broaden their genetic base. Some United States bulls recently used in the region are Silveiras Conversion 8064, Kesslers Frontman R001, BT Right Time 24J, and GAR Predestined.

George Murray of WoodBank Stud explained the similarities and differences between New Zealand's Estimated Breeding Value (EBV) system and the Expected Progeny Differences (EPD) system used in the U.S. to forum delegates. Both systems are used to inform bull and female buyers of an animal's forecasted genetic merit. However, if you want to compare New Zealand and U.S. bulls it is important to remember that one kilogram is equal to 2.2 pounds.

Other differences include a Gestation length EBV, and taking animal weights at 200, 400, and 600 days. A mature cow weight is also taken on all registered females following the birth of their first calf. (Screenshot of New Zealand Registration).

Commercial cattlemen use this information to help determine which animals' best fit their program goals based on a combination of phenotypic and genetic merit in a similar fashion to U.S. commercial cattlemen, but generally the way New Zealand cattlemen market the resulting offspring is different.

Because New Zealand is a largely grass-fed production system, market-ready steers and heifers are not marketed until two to three years of age. The resulting beef from harvested animals is sold through New Zealand Angus Pure, the na-

tional branded-beef program, or through other alternative marketing arrangements. For example, Te Mania Angus has a branded beef program where beef resulting from Te Mania genetics is marketed through regional grocery stores.

For cattlemen who typically consume grain-finished beef, meat prepared from grass-fed animals tasted different. Flavor was the biggest difference noted in the product by those surveyed. While many prefer grain-fed beef, an equally large number of consumers prefer grass-fed meat such as Australian Angus breeder Peter Gibbons.

"Grass-fed beef tastes outstanding to me," Gibbons said.

Everyone at the conference enjoys eating Angus beef, but this conversation proves that consumers' preferred eating experience of the same product can vary. Understanding these differences is crucial to satisfying the needs of individual consumers, and taking advantages of marketing opportunities.

As the wheels of a familiar Boeing 757 lifted off the ground headed for Los Angeles International Airport breeders reflected on the past two weeks. U.S. Angus enthusiasts learned to convert Celsius to Fahrenheit in their heads, evaluated livestock, and forged memories and friendships that will last a lifetime.



GMOs — look to the future

By John Schlageck,
Kansas Farm Bureau

The challenge for farmers and ranchers will be to double food production by 2050 to help feed an estimated 9 billion people.

GMOs — or genetically modified organisms — have the potential to dramatically increase the world's output in coming decades without causing significant environmental hazards. This new technology is affording us ways to improve plant characteristics to lower production costs and increase yields on existing farmland.

Today a wide variety of plants are products of genetically modified science. Some are being developed with the ability to withstand certain herbicides while yielding higher productivity with lower

costs and less environmental impact.

Contrary to what you may have read or heard, the use of GMOs can be a win-win situation for everyone. Farmers can realize higher yields producing a more economical crop and consumers wind up with a safer, better tasting and healthier food.

In spite of these advances, some environmental groups in this country and some members of the European Union have resisted the use of GMOs because they fear genetic manipulation is unnatural. They believe the food it produces is dangerous and this technology is bad for the environment.

GMOs have already been tested, and field trials are being conducted. All indications are that GMOs present no danger,

but this will need to continue to be proven in tests with sound science.

The future of agriculture will remain bright as long as technology is allowed to progress without being hampered by unfounded fears. GMOs are an important production tool for the American farmer and rancher. We must continue to talk openly with the public about this safe scientific procedure to promote complete understanding of the issue.

It would be a major blow to production agriculture if GMO research were slowed or stopped. Scientific information must be readily available to all consumers so they too can understand this vital issue.

Biotechnology has the ability to revolutionize medicine as well as agriculture. Already there have been significant medical breakthroughs.

Examples include gene therapy to build blood vessels that bypass clogged arteries; destruction of cancerous tumors by cut-

ting off their blood supply; vaccines for AIDS, malaria and ear infections; an anticancer booster shot that could stimulate immune systems; tissue engineering that helps the body regenerate itself; lab-grown bone, cartilage and skin or even organs such as the heart are in the works.

Our future can be enhanced with GMOs and biotechnology if these advances are allowed to progress. It's important we learn and inform others as much as possible about these upcoming advances.

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.

Antibiotic resistance complex and open to misinterpretation

Antibiotic resistance has been called the single most complex problem in public health, and consumer activist groups continue to blame livestock production for causing the problem. In an effort to bring everyone to the table and forge working relationships across the borders of human and animal health, the National Institute of Animal Agriculture this week convened its "Bridging the Gap Between Animal Health and Human Health" symposium in Kansas City, Mo.

According to NIAA, here are the major takeaways from the meeting:

The science behind the emergence, amplification, persistence and transfer

of antibiotic resistance is highly complex and open to misinterpretation and misuse. If you think you understand antimicrobial resistance, it hasn't been explained properly.

The extremely complex relationship between animal health, human health and environmental health is driven by two premises: 1) Antimicrobial resistance is a naturally occurring phenomenon that is present with or without the use of antimicrobials; and 2) Anytime an antibiotic enters the ecosystem, it contributes to the presence of antibiotic resistance.

Antibiotic resistance is not just transferred from animals to humans; resistance is also transferred from humans to animals.

Antibiotic resistance is not just a U.S. challenge; it's an international issue that requires a strategic global One Health approach.

Evaluating antimicrobial resistance involves balancing risks versus needs while constantly recognizing the importance of maintaining an efficacious arsenal of human antibiotics.

New tools that address food animal infectious diseases must be developed, whether they are in the field of prevention or new molecules for therapeutics.

Research studies and findings are often viewed through different lenses. Individuals can look at the same study and obtain different interpretation of the results and what the study infers based on their own biases.

Decisions should be based on science, and policy should be based on sci-



Harvest is over and the cows are almost where they need to be for the winter and it is only Thanksgiving. Normally we hope to have most of this done by Halloween or shortly after, but this year due to the weather things are somewhat behind. But you will not see me complain because of rain. Instead the increase in moisture is one of the things I am most thankful for this year.

Thanksgiving is one of my favorite holidays. It is the time of the year when we can all take a deep breath and think about what we are thankful for in our lives. It is a day of family, food and reflection and all three are favorites of mine. It is a day when we hit the pause button on our busy lives and think about what blessings we have been given.

This year I feel fortunate and blessed to have the moisture we did. I know many of my friends are still struggling with dry conditions and I feel a bit guilty giving thanks for my rain. Because of the rain we had a good year with our crops and livestock and for that I am also thankful. In agriculture we never know what weather the upcoming year may bring and we should always be grateful for years when the weather cooperates.

This year was good, but I am always thankful to be in agriculture. I am thankful to wake up each morning and participate in my chosen field (pardon the pun), I am eternally grateful to work side-by-side with my family in a business that goes back at least five generations. I am proud and thankful to be able to farm some of the same ground that has been tilled by all five generations.

I am thankful to live where I do and enjoy the beauty of the Flint Hills each day. I am thankful to live in a small community with friendly people and good neighbors. I feel blessed to be a part of the network of hardworking men and women who grow what is needed to provide abundant, safe and wholesome food

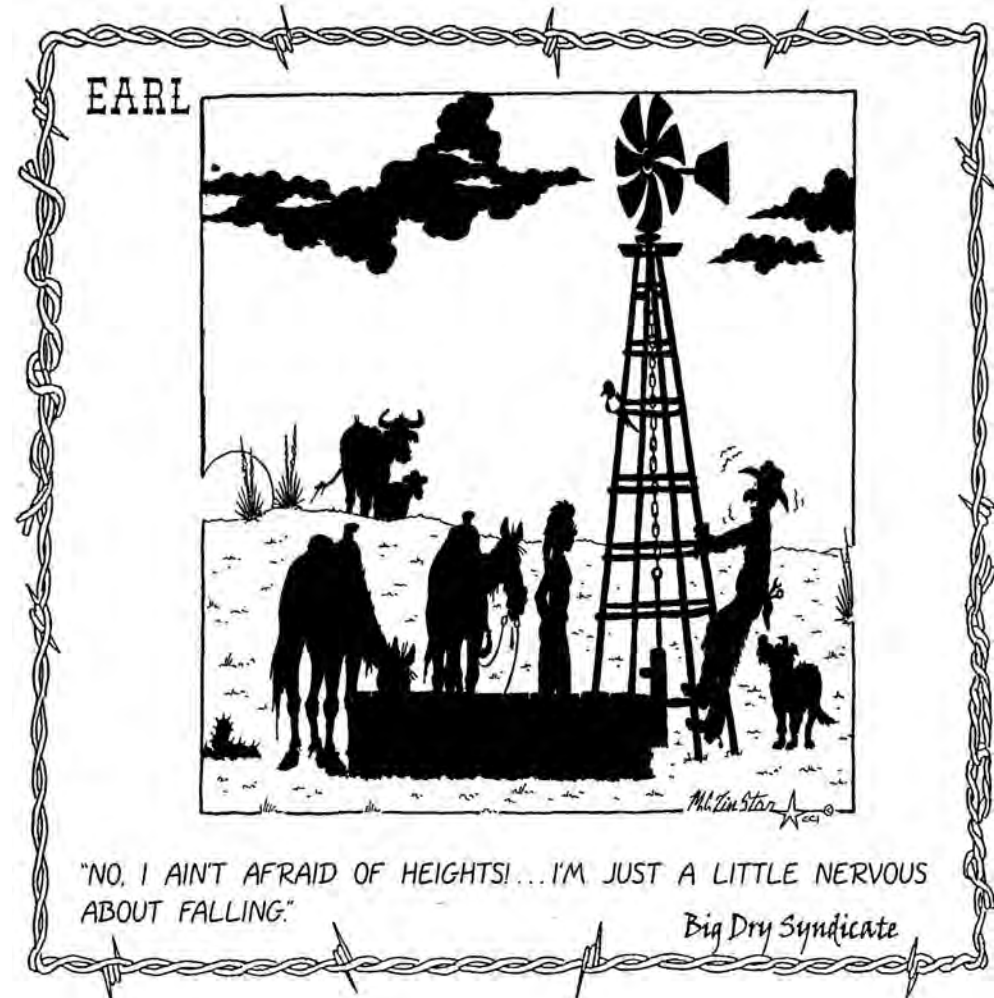
for our great nation. Where else in this world do you have the multitude of choices at the grocery store?

We should all be grateful for the nutritious, plentiful supply of food that is at our fingertips for most of us. The Pilgrims celebrated survival and a harvest; we celebrate success and food security. I hope we never forget where we came from and never take our food production system or our food supply for granted. We spend less of our income on food than any other nation. Our ability to grow our own food is what this country is built on and all of us should be thankful for that.

I am thankful to live in a country with the freedoms and rights that I enjoy. Those freedoms and rights come with a cost and I hope that we all are thankful for the brave men and women who paid that price for us. We celebrate Thanksgiving, safe with our families, while many of them are in harm's way protecting us. Please do not forget them this Thanksgiving.

Finally, I am most thankful for my family. Nothing in my world would be worth it without them. I am blessed to have chosen an occupation that is centered around my family. Farming is truly a family business; each member does their part. I often think we take getting to work alongside with our family for granted. I know there are those days that are challenging but at the end of every day I think each of us involved in a family farm understand just how thankful we should be.

Each of us has a great deal to be thankful for. I hope that you will take a little time to offer thanks on this Thanksgiving for all of those things that give your life meaning. Not the material things that can be lost or worn out, but the important things that are at the very core of your happiness. I know I do not do this often enough. I also know that I am leading a blessed life and I have much to be thankful for.



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Editor — Donna Sullivan
gandgeditor@agpress.com

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

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First Holiday Contest Winner
Is Rita Dawson, Lebo

“Must-have for holidays!”
FROZEN PUMPKIN PIE

Crust:
1 1/2 cups graham cracker crumbs
1/4 cup packed brown sugar
6 tablespoons butter, melted
Filling:
15-ounce can solid pack pumpkin
7-ounce jar marshmallow creme
1/4 cup packed brown sugar
2 teaspoons pumpkin pie spice
12-ounce carton frozen whipped topping, thawed
In a bowl combine cracker crumbs, brown sugar and butter. Press into bottom and up sides of a greased 9-inch deep dish pie plate. Bake at 350 degrees for 7-9 minutes or until lightly browned. Cool completely on a wire rack. For filling, in a large bowl whisk the pumpkin, marshmallow creme, brown sugar and pumpkin pie spice. Fold in 3 1/2 cups of whipped topping. Spoon into prepared crust. Cover and freeze for at least 4 hours or until firm. Garnish with remaining whipped topping.

Barbara Rott, Clifton:
CRANBERRY SALAD
3 cups cranberries, chopped
20-ounce can crushed pineapple, drained
1 apple, chopped
2 cups miniature marshmallows
3/4 cup sugar
1/8 teaspoon salt
Mix ingredients and refrigerate overnight. The next day add:
8-ounce carton whipped topping
1/4 cup nuts

Shirley Deiser, Kanopolis:
BATTER FOR DEEP-FRIED VEGETABLES
1 cup water
1/4 cup oil
1/2 teaspoon salt
1/2 teaspoon garlic salt
4 tablespoons cornstarch
1 tablespoon baking powder
1 cup flour
1 egg
Beat all ingredients by hand until well blended. Prepare vegetables and dip into batter. Fry in oil preheated to 375 degrees until brown.

NOTE: If vegetables are

2013 Grass & Grain Holiday Recipe Contest

coated with flour before dipping into batter, the batter will stay on better when frying.

Doris Shivers, Abilene:
“So pretty and good.”
FRUITED CHEESE LOG
1/2 cup snipped dried apricots
8 ounces (2 cups) shredded Monterey jack cheese
4 ounces cream cheese
2 tablespoons orange juice
1/2 cup golden raisins, chopped
1/4 cup pitted whole dates, snipped
1/4 teaspoon salt
Chopped toasted almonds (optional)
Assorted crackers and/or apple slices

Soak apricots in 1 cup water for 1 hour or until softened in a small bowl. Drain well; set aside. Meanwhile, place Monterey jack cheese and cream cheese in a medium bowl. Let cheeses stand about 30 minutes or until room temperature. Add orange juice to cheese mixture. Beat mixture with an electric mixer on medium speed until well combined. Stir in raisins, dates, the drained apricots and salt. Divide mixture in half. On a large piece of waxed paper shape 1 of the portions of the mixture into a

log about 5 inches long. Repeat with remaining mixture. Cover and chill for 4 to 24 hours. Roll in toasted almonds before serving, if desired. Serve with assorted crackers and/or apple slices. Makes 32 servings.

Lisa Winberry, Topeka:
SWEET POTATO PIE
15-ounce can sweet potatoes, drained & mashed
3/4 cup milk
3/4 cup brown sugar
2 eggs
1 tablespoon butter, melted
1/2 teaspoon salt
1/2 teaspoon cinnamon
9-inch pie crust
Combine all ingredients except pie crust in blender; process until smooth. Pour filling into pie crust. Bake at 400 degrees for 10 minutes. Cover edges of crust with foil. Reduce oven to 350 degrees, bake for 35 more minutes or until a knife tip inserted in center comes out clean. Garnish with whipped cream.

Ireta Schwant, Blaine:
“During the busy days ahead of Thanksgiving and Christmas, this is a recipe that helps the cook.”

CROCK-POT TURKEY
6-pound turkey breast

1 tablespoon salt
2 large onions
Garlic powder
Paprika
Thaw frozen turkey in refrigerator until almost thawed (varies in different refrigerators). The next day, put the breast of turkey in large bowl with salt water, almost 1 tablespoon salt. Refrigerate overnight. Slice the onions and put in the bottom of the crock-pot. Pat the turkey dry with paper towels. Sprinkle with garlic powder and paprika liberally. Cook 4 1/2 hours on HIGH.

Millie Conger, Tecumseh:
THANKSGIVING CAKE
1 yellow cake mix
1 can pumpkin
14-ounce can sweetened condensed milk
8 ounces frozen whipped topping, thawed
1/2 bag Heath Bits
Caramel sundae sauce

Mix pumpkin and cake mix until smooth batter forms. Pour into 9-by-13-inch pan. Bake at 350 according to directions for 9-by-13-inch pan. Let cool about 10 minutes. Using wooden spoon handle poke

holes all over cake. Pour condensed milk over cake. Refrigerate 30 minutes and spread with whipped topping then sprinkle with Heath Bits. Pour caramel sauce over top. Put in refrigerator for 3 hours or overnight.

Kellee Rogers, Lawrence:
WHITE CHOCOLATE PEPPERMINT JUMBLES
(2) 16-ounce packages vanilla bark coating
12-ounce package white chocolate morsels
6-ounce package white chocolate baking squares
3 tablespoons shortening
16-ounce package pretzel nuggets
8-ounce package animal shaped crackers
1 cup hard peppermint candies, coarsely crushed
Waxed paper

Combine first 4 ingredients in a 6-quart slow cooker. Cook covered at low 1 1/2 hours or until vanilla bark and chocolate look very soft. Uncover and stir until smooth. Stir in pretzels, crackers, and crushed peppermint candies. Drop candy by heaping tablespoonfuls onto waxed paper. Let stand 1 hour or until firm.

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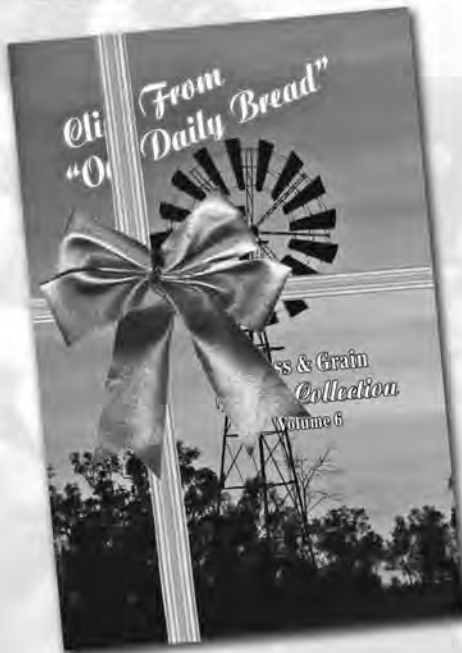
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2013 Grass & Grain Holiday Recipe Contest

Lucille Wohler, Clay Center: "This is very good with ham and beans."

CORNBREAD
1 cup corn meal
1 cup flour
4 tablespoons sugar
1/2 teaspoon salt
1/2 teaspoon soda
2 teaspoons baking powder
1 egg
1/3 cup milk
4 tablespoons melted butter
1 cup sour cream

Sift together corn meal, flour, sugar, salt, soda and baking powder. Add egg, milk, melted butter and sour cream. Stir until smooth. Bake in an 8-inch greased pan. Bake at 425 degrees for 20 to 25 minutes.

Lydia J. Miller, Westphalia:

WASSAIL BOWL MIX
1/2 cup brown sugar
1 teaspoon cinnamon
1/4 cup instant tea
1/2 cup lemonade mix
1/2 teaspoon allspice
2 cups cherry drink mix
1/2 teaspoon ground cloves

Mix all ingredients and store in an air-tight container.

To serve: put 2 to 3 teaspoons of above mixture into 1 cup hot water.

Mary Rogers, Topeka:
ORANGE MAPLE GLAZED CARROTS
1/3 cup orange juice
12 carrots peeled & thinly

sliced
Zest of 1 orange
2 tablespoons maple syrup
2 tablespoons butter
1 teaspoon nutmeg
Microwave orange juice in a microwave dish on high setting for 1 1/2 minutes. Add carrot slices and orange zest, stir to coat. Cover and microwave on high for 7 minutes. Stir in syrup, butter and nutmeg, microwave uncovered 2 minutes. Carrot slices should be crisp-tender, if not, microwave for 2 more minutes.

Millie Conger, Tecumseh:
HOLIDAY ACORN SQUASH
2 acorn squash, halved lengthwise & seeded
8-ounce can crushed pineapple

1/4 cup chopped pecans
1/4 cup sweetened dried cranberries
1/4 cup plus 2 tablespoons honey
1/4 cup butter, melted
Optional, nutmeg

Place squash halves, cut sides up, in a microwave-safe dish and microwave on high for 8-10 minutes until tender. Combine pineapple, pecans, cranberries, honey and butter; spoon into squash halves. Microwave on high for 30-45 seconds, until thoroughly heated and lightly glazed. Sprinkle with nutmeg, if desired.

K-State Experts Address Ways to Reduce Thanksgiving Meal Costs

MANHATTAN — Turkey, cranberry sauce, sweet potatoes and pumpkin pie — all are common Thanksgiving Day foods. The good news for consumers is that the cost of a traditional Thanksgiving meal is slightly down per person this year, compared to last year, according to the American Farm Bureau Federation's (AFBF) recently released data.

The AFBF reported that the national average cost of this year's meal for 10 people is \$49.04, a 44-cent price decrease from last year's average. This makes the cost of this year's meal less than \$5 per serving.

Included in the AFBF calculations were turkey, bread stuffing, sweet potatoes, rolls with butter, peas, cranberries, a relish tray of carrots and celery, pumpkin pie with whipped cream, and beverages of coffee and milk, in quantities to serve ten people.

The main course
Most U.S. families traditionally eat turkey on Thanksgiving Day. The National Turkey Federation estimated that 46 million turkeys will be eaten in the United States for the Thanksgiving holiday this year.

Mary Meck Higgins is an associate professor and Extension specialist in the Department of Human Nutrition at Kansas State University, as well as a registered dietitian. She said lean turkey is a nutrient-rich, high-protein and low-fat food that is often sold at a

relatively low price around the holidays.

Still, typically the main dish — turkey, a beef roast or ham, for example — is about half of the meal cost, Higgins said. To save money, consumers should be alert for grocery stores to lower their prices, particularly on turkeys, which is typically one or two weeks before Thanksgiving.

"The very low turkey prices offered by many grocery stores make them what is known as a 'loss leader,'" Higgins said. "Grocers lower their prices on one main food item to a very low level, perhaps even losing money on that sale, to lure customers into the store to buy all of their other meal items."

This is why making a grocery list is important to help save money, too.

"You've looked through your cupboards and you know that you don't have an extra can of, say, cranberry sauce pushed to the back," Higgins said. "Those kinds of things add up, because you'll have a bigger bill than you really need. Most people are trying to reduce their grocery bill this time of year because of all of the other expenses that they incur for holidays."

Higgins said consumers should check store ads and wait to buy that Thanksgiving bird until they have found a sale. For even larger savings, if they have enough freezer space, they should also think about purchasing bigger turkeys, or more quantities, at the "loss

leader" reduced price. After cooking them, people can freeze leftover turkey portions for their families, or freeze uncooked turkeys to cook after the holidays.

At least one pound per person is the rule when selecting a turkey, said Karen Blakeslee, Extension associate for K-State Research and Extension and coordinator of the Rapid Response Center (RRC).

"If you're buying a whole turkey, you have to factor in the bones," Blakeslee said. "By the time you cook the turkey and you take the meat off the bones, you end up with roughly a half a pound per person, and that should cover everybody."

"Of course, if no one in your family likes dark meat, you might save money by buying just a turkey breast instead of the whole bird," Higgins said.

More ways to save
When it comes to food, Higgins said, the best way to save the most money during the holidays is eating more meals at home. Foods purchased at the grocery store are usually less expensive than foods purchased at restaurants.

Postponing the holiday gathering at least two days after the actual holiday might also save the meal preparer some money.

"Many grocery stores have reduced prices on special holiday foods, such as breads, rolls and desserts,

the day after the holiday," Higgins said. "If you want to splurge by buying holiday-themed table napkins or other decorations, you can usually get those for a reduced price just after the holiday as well."

Having guests bring side dishes and desserts not only adds variety to the meal, but it spreads out some of the total cost, Higgins said. Keep food safety in mind, though, especially with potluck meals. Getting sick from the meal could also be very costly.

"You want to make sure you keep your hot foods hot and cold foods cold if you're preparing something that you're taking to someone else's house," Blakeslee said. "Be sure you wash your hands before, during and after food preparation."

Preventing food waste is also important in helping save money. People can keep the holiday meal cost down by using all of the food they buy and prepare, rather than throwing it away. Higgins said the key is to not make too many foods that don't freeze well.

Leftovers that can be frozen are helpful for later meals, Higgins said. All perishable foods should be covered and placed in the refrigerator within two hours of first serving them, and eaten or frozen within four days after the meal.

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Recipes received NOW through DECEMBER 13 will be entered in the holiday contest. Enter as often as you like during this period.

HOLIDAY PAPER TOWEL HOLDERS

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• Use it to hold paper towels in the kitchen or extra rolls of toilet tissue in the bathroom.

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BONUS DRAWING

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

The winner each week is selected from the recipes printed.

Send us your favorite recipe. It may be a main dish, leftover, salad, side dish, dessert, or what-have-you.

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

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

3. Send it to: Woman's Page Editor, Grass & Grain, Box 1009, Manhattan, KS 66505.
OR e-mail at: auctions@agpress.com

CALENDAR of EVENTS

December 4: Sterling Connection Christmas Brunch, 10:00 AM, music program "Center Street Jazz Combo" presented by Marysville High School students under the direction of Toby Wood.

December 12: Meadowlark Hospice Bereavement Support Group, 4:30-5:30 PM. Contact: Lucy Papes (785) 562-8659.

December 12: Loss of a Child Grief Support Group, 7:00-8:00 PM. Contact: Cheryl Stohs, (785) 562-2200.

December 17: American Red Cross CPR & First Aid Class, 6:00-9:00 PM.

December 19: La Leche League, 6:30-8:00 PM, Contact: Michelle Luppen (785) 268-0025.

December 25: All clinics closed for Christmas Holiday

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

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

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CMH DECEMBER Specialty Clinics

Mon	Tue	Wed	Thu	Fri
2 Coatsworth - Cardiology Lawson - Orthopedics Ugarte - Surgery Nuclear Stress	3 Ruggle - Audiology Rundlett - Cardiology Tyndall - Cardiology Devine - Urology Ugarte - Surgery	4 Short - Pulmonology Ugarte - Surgery Nuclear Stress	5 Martin - Cardiology James - Podiatry Ugarte - Surgery	6 Pan - Retina Eye Clinic Ugarte - Surgery Nuclear Stress
9 Bedros - Nephrology Lawson - Orthopedics Ugarte - Surgery Nuclear Stress	10 Ruggle - Audiology Rundlett - Cardiology Ugarte - Surgery	11 Kumar - Neurology Ugarte - Surgery Warren - Surgery	12 Ugarte - Surgery Nuclear Stress	13 Chruscicki - Retina Eye Clinic Ugarte - Surgery
16 Coatsworth - Cardiology Lawson - Orthopedics Ugarte - Surgery Nuclear Stress	17 Ruggle - Audiology Rundlett - Cardiology Devine - Urology Ugarte - Surgery	18 Pease - ENT Berg - Oncology Short - Pulmonology Ugarte - Surgery Nuclear Stress	19 Martin - Cardiology Sutton - Eye Surgery Ugarte - Surgery	20 Sutton - Eye Clinic Ugarte - Surgery Nuclear Stress
23 Lawson - Orthopedics Ugarte - Surgery Nuclear Stress	24 Ugarte - Surgery	25 Outpatient Clinic closed for Christmas.	26 Martin - Cardiology Ugarte - Surgery	27 Kumar - Neurology Wood - Retina Eye Clinic Ugarte - Surgery
30 Lawson - Orthopedics Ugarte - Surgery Nuclear Stress	31 Ruggle - Audiology Ayala - Cardiology Ugarte - Surgery		General Surgery Fernando Ugarte, MD Call for appt. 562-2517 By referral only: 562-2311 Occupational Therapy Colette Otters, OTR Physical Therapy Christ & Preschl Speech Therapy Joan McKinley	Bone Density: M-F CT Scans: M-F Sonograms: M-F Echo: By appointment Mammograms: M-F CWE: Mon/Thu MRI: Tues/Fri EEG/Sleep Study Pulmonary Testing

Farm transition workshops planned in Kansas

When it comes to devising a plan to transition the family farm to the next generation, communicating may be the hardest part, according to Jeri Albright, who along with her husband, Corky, operates a crop and livestock operation in Jackson County.

"People don't want to talk about you not being there," said Albright, who has four grown children – one of whom farms with his parents. "It's hard for the children to talk about, but we really need to talk about things like health issues" before they come up.

To help agricultural producers with farm transition plans, Kansas State University will host workshops over the next several months in various locations around the state. Each meeting has different topics and speakers.

The Albrights began the process when they attended a workshop in 2010, sponsored by K-State Research and Extension, the Farm Analyst Program and Kansas Farm Management Association. They've worked with several professionals in developing their plan, including their attorney, KFMA and Farm Analyst economists, and agriculture and natural resources Extension agent Jody Holthaus in the Meadowlark District. The Meadowlark Extension District is comprised of Jackson, Jefferson and Nemaha counties.

"Many people don't know what they own or what they're worth," Albright said, adding that planning for a farm transition from one generation to the next forces families to consider many factors and to make decisions. Sometimes those decisions are easier to avoid but ultimately, should be considered before a crisis hits.

She said she's attended several meetings on the subject and that although all participants have different circumstances, it was helpful to hear presentations as well as questions and answers from others.

The Albrights drew up an agreement in June, 2012: "We came out with a trust agreement, a will, power of attorney, medical power of attorney and a living will. Those were the five components of the paperwork," Albright said.

"I was relieved to have something down," said Albright, who added that because she and Corky are still farming, the plan can change if needed. "At least it's on paper and it has instructions and is a workable plan."

Jonie James, agriculture and natural resources Extension agent in McPherson County, said the meeting she's hosting on Dec. 2 will focus on taxes and is a follow-up to a previous transition meeting, which drew 250 people from several states including Kansas, Texas, Oklahoma, and Nebraska. It had a waiting list of 60.

"I just want to make sure people have a good understanding of their options," James said, adding that the more people know before they meet with their accountant and lawyer, the better. Upcoming K-State Research and Extension workshop dates, locations and contact information include:


- Dec. 2: Financing the Transition (tax issues), McPherson, Jonie James. 620-241-1523 or jjames@ksu.edu.
- Dec. 7: Passing Down the Farm 2, Holton, Jody Holthaus. 785-364-4125 or jholthau@ksu.edu.
- Dec. 11: Introduction to Farm Transition Planning, Coffey County, Darl Henson. 620-364-5313 or dhenson@ksu.edu.
- Jan. 25, 2014: Women in Agriculture, Liberal, Kylee Harrison. 620-624-5604 or lharrison@ksu.edu.

Several other meetings are still in the planning stages.

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Kansas State University, Merck Animal Health partner to open diagnostic lab at Olathe campus

Kansas State University Olathe is the site of the new Microbial Surveillance Lab, a partnership with Merck Animal Health. The lab will be a second site for the K-State Veterinary Diagnostic Lab, which is based on the Manhattan campus.

Merck Animal Health provided a donation for the development of the Microbial Surveillance Lab at K-State Olathe. The lab will provide diagnostic support services that will initially meet the unique needs of Merck Animal Health, followed by other animal health industry partners.

The lab also will create high-quality student educational and training programs utilizing a specialized caseload, and increase the regional and national visibility of the university's Veterinary Diagnostic Lab within the Kansas City Animal Health Corridor. Current laboratory capabilities include microbiology culture, identification and antimicrobial susceptibility testing.

"Merck Animal Health is a valuable partner to K-State through the College of Veterinary Medicine and K-

State Olathe," said Kirk Schulz, president of Kansas State University. "By supporting the Microbial Surveillance Lab, Merck will help advance diagnostic education and training, as well as help propel K-State toward our goal of becoming a Top 50 public research university by 2025."

The partnership with Merck Animal Health extends beyond the lab walls. The company supports a cohort of students in the veterinary biomedical sciences graduate program at the Olathe campus, who will benefit from research opportunities at K-State Olathe.

"We at Merck Animal

Health are proud to support and invest in scientific research as it is vital to the future of the animal health industry and veterinary medicine," said Rick Sibbel, D.V.M., director of technical services, Merck Animal Health. "This partnership provides us with an opportunity to contribute to the education and real-world experiences of students who are pursuing a related degree, as well as impact advances in animal medicine."

The lab is fully accredited by the American Association of Veterinary Laboratory Diagnosticians, and has been established to provide microbiology diagnostic support to animal health

pharmaceutical and biological companies. Through value-added partnerships and an entrepreneurial business model, the Microbial Surveillance Lab provides an excellent environment of support for teaching and research, and connectivity to the nation.

"Thanks to Merck, this offers a new platform for us to more easily provide diagnostic services and professional expertise to the

Kansas City region, Animal Health Corridor and beyond," said Ralph C. Richardson, dean of Kansas State University's College of Veterinary Medicine. "With the additional benefit of enhancing professional and graduate-level educational opportunities through our K-State Olathe campus, this is a win-win-win situation for all involved."

Olathe Microbial Surveillance Lab services are

provided by contract only. Routine diagnostic submissions should continue to be directed to the K-State Veterinary Diagnostic Laboratory on the Manhattan campus.

For more information about the microbial surveillance lab, contact Brian Lubbers at 913-307-7388 or blubbersk@k-state.edu. To learn more about K-State Olathe, visit <http://olathe.k-state.edu>.

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High oleic soybeans deliver innovation in every pod harvested. It's innovation that provides solutions to some of U.S. soy's biggest customers and helps build demand for U.S. soybean oil. But, these varieties don't stop there – they also perform in farmers' fields.

Just ask Russell Stevens and Jack Leslie. These farmers grew high oleic soybeans this year and saw them meet expectations.

Many years ago, the soybean industry had the foresight to prepare soybean-oil solutions that eliminate trans fats, especially timely with the Food and Drug Administration's recent trans-fat-ban announcement. Stevens grew high oleic soybeans because they help protect soybean-oil demand and have the potential to expand markets for U.S. soybean farmers.

"The benefits for our end-use customers really attracted me to these varieties," says Stevens, who farms in Hurlock, Md., on the Delmarva Peninsula. "These varieties help provide the oil our food customers need and help create sustainable demand for U.S. farmers."

High oleic soybean oil provides much needed functionality for some food customers, without trans fats. It also adds demand from potential industrial markets.

"These varieties open up markets in lubricants and engine oils that weren't previously available," adds Leslie, who farms in Upper Sandusky, Ohio. "As soybean farmers,

we have to try new things and open new markets to increase our profitability."

Both Stevens and Leslie were excited about the market opportunities for their soybeans, but needed to see the varieties perform on their farms to believe in their long-term potential. Consider them believers. The varieties were bred with proven genetics so they performed under regional conditions.

"Agronomically, these varieties offer similar pest and disease packages as my other varieties," says Leslie. "And, we saw them perform comparably with other varieties on our farm and in our area."

Stevens had similar experiences.

"I tried these varieties first in plots last year and saw them yield really well," adds Stevens. "They have a good pod set, yield-

ed well and we continue to grow them."

High oleic soybean varieties are currently being bred to move into expanded soybean growing regions. Farmers in areas of Delaware, Illinois, Indiana, Maryland, Michigan, Ohio, Pennsylvania and Virginia can grow them now. To find out more about high oleic soybeans, visit www.SoyInnovation.com.

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Beware of longhorns, but not the Bevo kind

By Josh Coltrain
Crop Production Agent
Wildcat Extension District

Soybeans are easy to grow, right? They require less fertilizer, have fewer diseases to worry about and insects very rarely cause economic damage. Unfortunately for producers, the last part of that statement may be changing. A relatively new pest has arisen that producers may or may not have heard about: dectes stem borer.

Dectes stem borer (*Dectes texanus* LeConte) is a long-horned beetle native to the High Plains and southeastern United States. Other than soybeans, dectes can infest ragweed and cocklebur. However, the beetle actually prefers cultivated sunflowers. Interestingly (at least to a plant nerd like myself), wild sunflowers are actually resistant to infestation.

Dectes adults are gray to bluish-gray. They are small (3/8 to 3/4 inches) with antennae that are longer than its body with dark bands. The adults are active during the day, but are usually hiding below the canopy. In fact, the beetles take flight or even fall to ground playing possum (or is it playing dectes?) when approached.

After the female adult dectes emerge, they mate within a week. The first eggs are ready to be laid, a

process called oviposition, within a week. The females chew a hole into the lower part of the leaf stem, which is called the petiole. This is called an ovipuncture. Oviposition is a time consuming process taking five to ten minutes. Because of this, only a fraction of the ovipunctures results in eggs being laid. When scouting for dectes, the ovipunctures are the diagnostic result to look for.

One of the reasons producers don't often worry too much about insect pests is the fact that soybeans can tolerate defoliation up to a point without losing much, if any, yield. Dectes are not defoliators. After chewing the ovipuncture, the female places the egg in the central pith of the petiole. Once the eggs hatch, the larvae bore down the petiole and into the main stalk of the plant. One of the most obvious signs of dectes is a yellow or dead leaf mid-stalk of a green plant.

Once inside the stalk, the larvae eat their way around, going wherever they please. The larvae will only consume moist pith, so several factors (weather, season, variety, etc.) can influence when they will emerge from the plant. Once the larva are ready to emerge, they make a disc-shaped incision from the center of the stalk, effectively girdling the

plant. Some plants will break off immediately at this girdling point while others may not. None the less, this will lead to yield loss directly or even indirectly due to harvest difficulty.

Studies have shown that dectes can cause up to 10 to 12 percent yield loss in fields in addition to losses due to lodging. One of the compounding factors to these studies is that the adults prefer larger plants which would have higher yield potential. Currently, there are no chemical control methods deemed feasible. Adults can be active for an extended period of time which means multiples applications would be required. Another factor is that the larvae are within the plant so contact insecticides would not be effective. Since ragweed and cocklebur are common

hosts, control of these can help reduce pressure from the beetle, especially when they are in fields adjacent to where soybeans will be planted. Also, some studies have shown that early maturing soybeans have greater losses than later maturing varieties. Nonetheless, the best management practice that could result in the lowest amount of yield lost is probably prompt harvest (which can obviously be a problem in our area).

For more information, check out the Kansas State Research and Extension publication #MF2581 Kansas Crop Pests: Dectes Stem Borer. If you have questions or would like more information, please call me at the office (620) 724-8233, or e-mail me at jcoltrain@ksu.edu, or visit the Wildcat Extension District website at www.wildcatdistrict.ksu.edu.



Intermediate champion sheep showman honors at the Central Kansas Free Fair went to Dillon Knepp of the Solomon Wranglers 4-H Club.

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REAL ESTATE AUCTION
WEDNESDAY, DECEMBER 18 — 1:00 PM
**Auction location: St. Johns Hall
GREELEY, KANSAS**

Exceptional Anderson Co. Farmland with center pivots
Land is located West of Greeley, Kansas

580 m/l acres of exceptional Anderson County, Kansas farmland in 2 tracts, 2 houses, barns, center pivots. This is productive farm land with large trees, panoramic views, cattle feeding area, excellent hunting, filter strips, timber & more. U. S. 169 highway to the West side of Greeley, Kansas • Property is on the North side of road.

**Property open house & inspection: Sunday, December 8
1:00 to 3:00 p.m.**

**Live online bidding available via DV Auctions link
<http://dlwebb.dvauction.com/>**

Real Estate information: Les McGhee is the sole owner of Bryan Enterprises. He has decided to retire from feeding cattle, and raise grass cattle. Come and bid. This choice property is ready for your ownership!

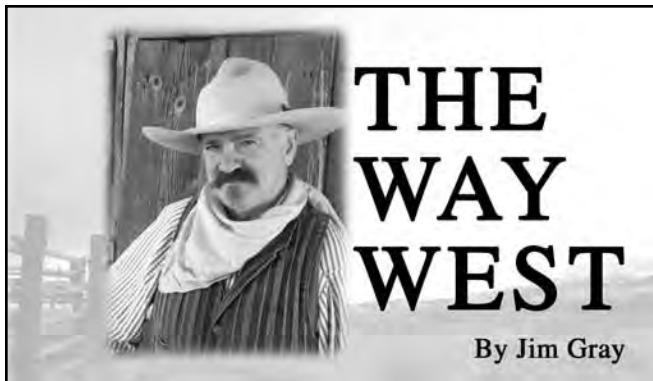
TRACT 1: This parcel contains 520 acres m/l of land located on the West side of Greeley, Kansas and North of the RR track and South of Pottawatomie Creek. This tract has 238 acres of tillable land, 21.5 acres of filter strips with new 10-year contract at \$123.00 per acre per year, 80 acres that is a working feedlot that has been permitted for 4,000 cattle, 128 acres of grass and hay land, and 45 acres of timber and creek area with an abundance of deer and turkey. There are three lagoons and two ponds for water storage and/or hunting. This tract includes two Reinke center pivots that are 7 years old, one 4-tower towable pivot with 1,774 hours, and one 7-tower pivot with 1,976 hours. There are 90 plus acres that can be irrigated. They are all connected and the electric pump and pivots go with the property. Additionally there is a 1999 OCMIS traveling gun irrigator with a 3" x 1080' hose. There are two barns on this tract: one pole barn is 12,800 square feet and the other is a metal building containing 1,500 sq. feet. There are two 5,000 bushel grain bins. Hundreds of concrete feed bunks. Additionally there are cattle pens that have been used in the feedlot area with some shading and feeding area. There are three pit silos that can hold 2,000, 2,500, and 3,500 tons of silage. There are 7 overhead 12-ton bulk bins and a commodity building. The 2012 taxes were \$3,532.69. The 2012 USDA farm payment was \$5,422.00. Plan on attending this auction to bid and purchase this exceptional, property. There are panoramic views from the high area that looks over the bottomland and area.

TRACT 2: This parcel contains 62 acres m/l of land located on Trego Road on the West Side of Greeley, Kansas. Located on this tract are two houses and barns. The main house estimated to be constructed in the mid 1800's and contains 2,660 square feet of living space with 3 bedrooms and 3.5 baths. This house was recently remodeled. The second house estimated to be constructed in the early 1900's contains 920 square feet of living space. This house will need to be remodeled. Additionally there are two main barns one older peg construction barn with cupola and another open storage shed. There is another older barn and loafing sheds. This tract at present is all in grass with pipe and barbed wire fencing with large majestic oak trees. There are 8 acres of CRP grass with an expired contract. The 2012 taxes were \$ 2,672.66

AUCTIONEERS NOTE: Les is a native of Anderson County and a very well respected cattleman and rodeo champion. If you have been looking for farmland in eastern Kansas with additional opportunities this property is ready for your ownership and offers many continued or exceptional new opportunities. We look forward to having you at the auction and we appreciate you being there.
Refreshments available.

REAL ESTATE TERMS: 10% down day of auction balance due upon closing, not to exceed 30 days, Anderson County Abstract Company to handle closing. Title insurance cost split 50% / 50% buyer-seller. Property sells subject to easements, restrictions, and covenants if any of record. Auction is subject to owner confirmation. The auctioneers Webb Realty are agents of seller only. Property sells as is where is without warranty expressed or implied. Possession at closing for cropland and 90 days for the remainder of the land and improvements. All portable panels and working chute will be removed all permanent pens, concrete blocks, and feedbunks will remain. All information is from sources deemed reliable, however accuracy is not guaranteed. Statements made day of sale take precedence over printed material. Each bidder is responsible for conducting their own independent due diligence concerning the property. This is bottomland and some is located in the flood plain, typical for bottomland it can and has flooded. For on line bidders only there is a 2% buyer's premium, additionally you must pre register no later than 24 hours prior to the auction and make prior arrangements for the down payment.

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Hunting on the Range of the Buffalo

Settling the prairie brought a number of new experiences to homesteaders used to the woodlands of the east. The adventure of a buffalo hunt was high on the homesteader's list. Besides providing the novel experience of hunting the Monarch of the Plains, a successful hunt could supply the family with a whole winter's meat supply.

T. M. Ewing and two partners found a "magnificent country" in the prairies of central Kansas when he and friends arrived in Ellsworth County with "two hundred and fifty head of fine thoroughbred cows and heifers... Just as far as the eye could reach, we saw thousands and thousands of acres of the finest pasturage the sun ever shone upon." After their cattle had fed

for the summer on luxuriant grass the young cattlemen decided to go on a buffalo hunt. They were joined by five new acquaintances including Ira Boone, "a great grandson of the celebrated Daniel Boone."

The evening of November 14, 1875, the party started west, each with a wagon, in search of buffalo. Much of the country west of their cattle range had been burned, leaving a poor impression. At Hays City, Kansas, they traveled southwest some sixty or seventy miles to the head of Walnut Creek, where they had been told they would find buffalo. To their dismay, a band of Arapaho Indians had burned the prairie. The fire was driven by a northerly wind, effectively driving the buffalo further south. Not to be "out generaled," the hunt-

ing party determined to take their hunt all the way to the Cimarron River, over one hundred miles further south.

On the open prairie wild horses roamed as free as the buffalo. Near the head of Walnut Creek the hunters couldn't resist testing their skills when they discovered a vast herd of horses. A risky method of capturing horses was known as creasing. The idea was to shoot the horse in the neck just in front of the withers and about an inch below the edge of the mane, near the spinal column. The shock would temporarily stun the animal until its feet could be tied and a halter slipped over its head. Unfortunately, it took a very good shot to take a horse successfully, and in most cases the horse was killed. Ewing didn't say whether they killed any horses, reporting only that they "had lots of fun trying to crease them, but without success."

The Arkansas River was a real river in those days, instead of the mostly dry stream bed found in western Kansas today. Ewing rode a mule across the river seven times trying to find an accessible crossing for the wagons, but had to give up. Turning east along the Santa Fe Railroad they drove forty miles to the bridge at Dodge City.

From Dodge City the hunters took a southeasterly course to the Cimarron River. For the next seventy miles they crossed only two creeks. Ewing described Crooked Creek as "a beautiful creek with some timber." The other creek Ewing called Sand Branch, which was probably today's Big Sandy Creek. They drove through burned prairie the entire distance from Dodge City to Sand Branch. Ewing was not disappointed at the Cimarron. "The Cimmaron is a beautiful stream, the country rough and rugged, with fine grass, water, and shelter," and plenty of buffalo.

But the Cimarron was also the northern boundary of the land allotted to the Indians, "where of course no white people are allowed to hunt or settle." In spite of restrictions the men proceeded to shoot. The hunting pressure scattered the buffalo beyond comfortable limits for hunting so Ewing and his friends moved their camp

back twenty miles to Sand Branch.

To their surprise the hunters were awakened the next morning to dense clouds of smoke from the burning prairie. The Indians were apparently trying to drive the buffalo further south away from the hunters. Luckily, Ewing's party found a large piece of unburned prairie with "a fine herd of shaggy beasts" grazing away. The buffalo guns soon fired up. They soon dispatched almost enough animals to fill their wagons. One more day would do the trick.

To their surprise the buffalo were gone the next morning. The sixty fat buffaloes they had killed didn't quite fill all the wag-

ons, but considering the difficulties they had experienced, the hunt was a great success. A snow storm delayed their return but Crooked Creek provided plenty of wood to keep warm. They returned from their hunt on the buffalo range, having traveled six hundred miles filled with adventure on The Way West.

"The Cowboy," Jim Gray is author of Desperate Seed: Ellsworth Kansas on the Violent Frontier and also publishes a historical paper, the 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.



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AUCTION



TUESDAY, DECEMBER 17 — 6:30 PM

Morris County 4-H Building 612 US Hwy 56 — COUNCIL GROVE, KS

Directions: 1 mile east of Council Grove on US Hwy 56. Watch for signs

TRACT 1

LEGAL DESCRIPTION: SW ¼ of Section 11, Range 16, Township 7 Morris County Kansas

DESCRIPTION: 160 acres more or less of native grass pasture. Grass is clean with no timber and has been well maintained with good fence. Pond and developed spring water. Pens on the south side. Excellent location just 1 mile north of Hwy 56.

PROPERTY LOCATION: 7 miles west of Council Grove on Hwy 56. Then 1 mile north on 1600 Rd.. Watch for signs.

TAXES: \$297.66. 2013 and all prior years will be paid by the Seller.

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TAXES: \$297.66. 2013 and all prior years will be paid by the Seller.

TRACT 2

LEGAL DESCRIPTION: Lots 20,21,22 & 23 of the SW ¼ Section 31, Range 14, Township 8 Morris County Kansas.

DESCRIPTION: 160 acres more or less of native grass. Ponds on the north and south sides for excellent water. Grass has been well maintained with good fence and no timber.

PROPERTY LOCATION: 3 miles south Dwight on Hwy 4. Then east 1 mile on G Ave. Then ½ mile south on 1300 Rd. or 10 miles north of Council Grove on Hwy 177. Then west on G Ave 4 miles to 1300 Rd. Then south ½ mile. Watch for signs.

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Relics of the road

So little remains, so little is known. Or has irrevocably changed, so that what we now see is either a reflection, an alteration, an overlay or something entirely different. Determining which is which depends on historical research, guesswork, luck and lots of miles along the road. We were lucky, sometimes. And sometimes we weren't.

And, too, sometimes the relics we discovered were just that — relics, so disconnected from their context that their stories had forever faded to silence. The sign in the window at Henry Brothers Station in Goff was such a relic, long and narrow with a point facing to the right, wooden, its grain stark and sharply etched, the black blocky letters faded but still legible. Goff 18 MI.

"Where'd the sign come from?" I asked the proprietor.

She shrugged. Didn't know, only that it was do-

nated to the service station. Nor did she know where it would have been located, other, of course, than 18 miles from town.

It was old and weather-worn and like other relics it didn't so much explain as merely add to the growing list of questions. How prevalent were wooden road signs? What was their average lifespan? During what decades were they used? I jotted the questions down in a pocket notebook for further research.

All we knew for certain was that we were on the original Kansas White Way, or Highway 9. Across the street stood an abandoned building that was once the White Way Chevrolet, and beyond that a remodeled Harvey House. Much of the original road has been modified and straightened for modern vehicular traffic, but towns like Goff or Netawaka or Whiting had been stops along the route

so that their streets were the nearest thing to the one true path.

In between was another matter. Roads had deviated so much in past century that in places it was anyone's guess where the original route had been laid. The highway leading west from Goff, a wide gentle curve traversing the ridge-line, had been built in the 1930s, we were told. Rumors had it that several bridges remained of the original route, and that if anyone knew where they were, it would be Gerald Swart.

Swart is the owner of Skeezix's Toy Museum, located a mile or so west of Goff. The museum, housed in an unassuming steel building behind his house, contains hundreds of model cars, tractors, trucks, campers, construction equipment, airplanes, vintage penny banks, and historic relics from the area. Its name derives

from a character in Gasoline Alley, a comic strip from the early 20th century. Near the front door, encased in glass, is an oil-coth Skeezix doll, about 18 inches tall.

We met Swart on a blustery, bitterly cold morning. After giving us a tour of the museum, he stood on the front porch and pointed into the valley below. Immediately to the south where a shallow creek snaked through the pasture was a concrete bridge, and with a little imagination one could figure out where the other two were. Even though we could see the town from our vantage, it was impossible to reconstruct the original route without adding a 90-degree bend in it somewhere. We could guesstimate, and, when I got home and pored over satellite images, could risk a guess, but in the end it was merely that — a guess — and nothing more.

Still, we followed his truck across the pasture, dropping down a hundred feet in elevation to the floor of the valley, and climbed from the warmth of the car into a teeth-numbing gale. Other than the bridges, all still showing little signs of decay or disrepair, nothing remained of the road itself other than a slight indentation in the grass. I hazarded a guess that it kept to its westward course to the northeastern edge of Corning where it then turned north. If so, it followed what is now a section line.

Subsequent research using satellite imagery

and Google Earth revealed something else — a single reference that instead of heading north from Corning about five miles to branch off to Centralia, "Old Highway 9" followed what is now 52nd Rd. It wasn't much to go on, and it also meant that we'd have to return for further exploration. And I'm not sure that it even matters any more, except in the context of peering through a veil to another time and era where visionaries came together to chart an organized, 365-day highway across an often-impassable, indecipherable and, for all practical purposes, uncharted

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MACHINERY AUCTION
SATURDAY, DECEMBER 7 — 11:00 AM

Since we are downsizing our farming operation we will sell the following described machinery and equipment at public auction located 16612 Hubach Hill Rd., RAYMORE, MO. (8 1/4 miles north of Harrisonville, Mo., on Highway 291, then 1 1/4 miles west on Hubach Hill Rd.; or, 1 mile south of Belton/Raymore Exit on Highway 49, then 5 1/2 miles east on North Cass Parkway/Hubach Hill Rd., Exit 172)

TRACTORS
 1993 JD 8970, triple, 4 hydraulics, PTO, 6200 hrs., very good condition; 1973 Ford 5000.

TILLAGE EQUIPMENT
 1999 JD 985 new style (2012) shank spring field cultivator 47', all new under carriage walking beams — harrow adj. arm fins, new wheel bearings, totally updated; 1996 JD 515 drill, 30', with 530 transport hitch; 1999 JD 637 disk, 35'; 1998 JD 915 V-ripper, 9 shank; Brillion 300 culti-packer, 24'; JD 400 rotary hoe, 30'; JD 1350-1450 plow, 5-16.

EQUIPMENT
 1998 840 front loader, bucket, forks, spear; AC 706 fork lift, all terrain, gas, 10,000 lb.; 1997 Bush Hog 2615 rotary cutter, 15', 540 rpm; 1999 B&E 420 turf mower, 22', hydraulic lift; 2001 46" roller, 10', 6000 lbs. empty, 12,000 lb. filled; JD 940 land plane, 12', (9401917); Land Doll Do-All mulch finisher; Big Dog pull scraper; 2000 Aerway 15' aerator, pull-type, rear hitch; 2000 OMI 16' chain harrow with cart; MK100-61 portable auger, 60' x 10" with swing hopper, hydraulic lift; Kewanee gravity wagon, 250 bu., with roll tarp; 1995 Land Pride 55 blade, 10', 3-position cylinders; JD 14 6-row cultivator; JD 59 pallet fork att. for loader; Fork lift mast, fits 740 loader; Shaver #8 hydraulic post driver; IH 40 manure spreader (76100030000140); JD 30' boom sprayer, 200 gal. tank, hydraulic pump, 3-pt.; Sprayer, 300 gal. tank, pull-type; Rock rake, 10'6", 3-pt.; JD 100 Eze Flo seeder; Crust Buster 22 seed bed finisher; George White snow blower, 3-pt., PTO, 7'; Dump bed wagon box, 8', tandem single; Wentz G5 dirt buggy, G5-200; L-shaped fuel tank, 100 gal., 2 pumps, tool box; Fuel tank with tool box, 100 gal.; Home made gooseneck gravity flow trailer, box needs repair; Turf tires, 66x4300x25" front 33x18x16"; D&F Westfield hydraulic seed delivery auger, 614-3.

HAY EQUIPMENT
 1998 NH 575 square baler (wire); 1998 NH 163 hay tetter; 1998 JD 348 square baler (wire).

MISCELLANEOUS
 Tire machine, air; Sanborn upright air compressor, 60 gal.; Bell saw sharpening tool; Portable air compressor, gas engine; Metal band saw; Rear crane aim lift, 3-pt.; 2 engine hoists, med & lg.; Generator, 5550 watt; Carry-all work station, 3-pt, removable safety side-lift hoist; Poly tanks, 200, 300, 500 gal.; JD sickle head, 20'; Auger, 4" x 15', hydraulic motor; Smith 100 air compressor; Several implement cylinders; Implement rims, tires; Weed wiper; 300 gal. fuel tank; 1000 gal. fuel tank; Tower, 90'; Vinyl shower stall; Misc. storm doors & windows.

OTR TRAILERS
 1993 Fruehauf 48' step deck aluminum combo/spread axle, good condition; 1994 Dayco steel frame, wood deck, spread axle; 1987 Fruehauf 50' van trailer (1H2V045L2HE002409); 1983 Fruehauf 48' van trailer, for storage, no title; 1970's Strick 40' van trailer, for storage, no title.

FARM TRUCKS & TRAILERS
 1977 Chev. C-65, 366 engine, 5-speed/2 speed, tag axle, 20' grain bed, hoist, roll tarp, 55,000 miles, good condition; 1978 Ford ¾ T. pick-up, flatbed, slide-in DewEze bale mover, truck needs motor; 1992 Coose gooseneck flat bed trailer, 8' x 24', tandem, duals; 1977 utility trailer, 2 axle, 7' x 10', attached ramps, tilts, new tires; 1982 A&M goose neck stock trailer, 6' x 20', with top; 1992 Belshe heavy duty trailer, 2 axle, folding ramps, new tires; Elec. wheel wagon with hoist.

LAWN MOWER & 4-WHEELER
 Wheel Horse garden tractor, 60" deck, new tires, very good condition; Wheel Horse 2-wheel pull type lawn cart; 1994 Polaris 400 ATV, 2 x 4.

AUCTIONEERS NOTE: Mr. Yocum has an exceptional maintenance program. Most of the above equipment has been shedded and in good condition.

TERMS: Cash or check w/proper ID. Not responsible for accidents. Lunch served. Restroom facilities on premises.

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wilderness known as northeast Kansas. But I think, or like to think, that as benefactors of their vision we owe them something, a nod or recognition of some sort, and what better way than to retrace their route (as much as

possible) on that day in May of 1914 when they joined together to organize the Kansas White Way. So little remains except for the skeletal outline of the story, but as we all know, stories are meant to be told and retold. And if

in the telling we discover something about this place where we call home, or even, if we're fortunate, something about ourselves, then the story comes alive, part of our own mythos, our own homeland.

Kansas Department of Agriculture awarded \$100,000 grant to promote local food in schools and support agriculture education

Agriculture Secretary Tom Vilsack has announced that the Kansas Department of Agriculture will receive a grant of \$100,000 to implement a local food and agriculture education program. The award was one of 71 projects spanning 42 states that support the U.S. Department of Agriculture's (USDA) efforts to connect school cafeterias with local farmers and ranchers through its Farm to School program.

Kansas Secretary of Agriculture Dale Rodman recognized the significance of the grant to Kansas agriculture education programs.

"Teaching children about where their food comes from and how it is produced is a challenging, yet exciting opportunity," Rodman said. "These funds will allow us to continue to pursue our agriculture education programs and enhance our efforts moving forward. We are eager to help connect the next generation of food producers in our agriculture education programs and engage them in the challenge of provid-

ing healthy local food to our schools."

The Kansas Department of Agriculture will select eight school districts with existing agriculture education programs to help develop food procurement pathways to increase the amount of local food served through school meal programs. Each of the selected schools will receive a subgrant of \$12,500 to establish or expand upon a school garden program or other food production system. It will result in a minimum of two locally produced food items being served in the school cafeteria per month. The grants will also require the creation of a farm to school educational kit for K-12 students and the schools to host one community Good Agricultural Practices (GAP) training workshop, a requirement to provide food to schools must be GAP certified. Preference will be given to schools with a significant rate of free and reduced lunch recipients.

Agricultural education programs in elementary, secondary and post-second-

ary schools continue to be a vital link to agriculture, the state's largest industry. It is important to continue to educate Kansans of all ages about the importance of agriculture to Kansas, raise awareness of modern food production processes as well as provide innovative agriculture education and experiential learning opportunities.

USDA recently released the results of the first-ever Farm to School Census, which showed that in the 2011-2012 school year, school districts purchased and served over \$350 million in local food, with more than half of participating schools planning to purchase more local foods in the future. Information on the Kansas data can be found at www.fns.usda.gov/farmtoschool/census/#/state/ks For more information on the national Farm to School program, please visit www.fns.usda.gov/farmtoschool. For information on the program in Kansas, visit www.agriculture.ks.gov or contact Beth Riffel at 785.307.4966 or email MEDIA@kda.ks.gov.



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COLLECTIBLES
Gone With The Wind lamps, electric, nice; Prussia plate; SW prints; vintage octagon picture frames, unique; Fenton candy dish; S&P's; airplane prints; H Anton Bock cigar box; Cl kettle; vintage floor lamp; various sewing items; tapestry in burl walnut frame, nice; inlaid jewelry box; Gleaner's print; leather purses; costume jewelry; Buffalo nickel letter opener; brass swans; blown glass vases; brass piano lamp; Nippon cups, creamer & sugar; Lynmore bowl; Oriental urn; small brass base kerosene lamp; amber refrigerator dish; various glassware & bowls; linens; various kitchen &

household items; hand garden cultivator; various primitives; nail keg.

FURNITURE & APPLIANCES
Oak curved glass china hutch; occasional chair with queen anne legs; overstuffed chair; oak TV stand; Sanyo TV; white glass top coffee table & end tables; lamps; small oak wall hugger table; walnut cane seat dining chair; walnut parlor table, nice; small pine kitchen cabinet; dinette table; walnut drop leaf dining table & 6 chairs; oak hall tree, marble top, nice; oak queen size bedroom set, dresser & mirror; oak rocker; oak nightstand; small cedar chest; French Provincial type bdr set,

full size bed, chest of drawers, dresser & mirror; Singer sewing machine in walnut cabinet; pine china hutch; wicker trunk; chrome dinette table 1950's; oak coffee & end tables; walnut humidifier; queen size bed; oak quilt rack; Hotpoint washer & dryer; white; small GE upright freezer; iron patio bench & table; patio glider.

TOOLS & MISC.
Craftsman shop vac; Craftsman tool chest; hand tools of all kinds; aluminum step ladder; Sears saw blade clock; small aluminum extension ladder; fishing items; Snapper push mower, 6hp; MTD snow blower; gas grill; wheel barrow; firewood rack.

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BAXTER BLACK

ON THE EDGE OF COMMON SENSE

Black's Hambletonian

Did you ever wonder if being horsey is hereditary? twenty-five years ago a fellow veterinarian invited me into his office and showed me a picture in a livestock book copyrighted in 1882. It was a drawing of a bay stallion. It was labeled "Black's Hambletonian. One of the finest and best blooded trotting stallions of the day. Property of S. Baxter Black, Compassville, Pa. Cost when a weanling colt, \$3500. Sired by Rysdyk's Hambletonian; dam, Kitt, out of Long Island Black Hawk."

I was taken aback! Aunt Effie always told me that my great grandfather, James Black (b. 1833) was Pennsylvania Dutch, from Erie County Pennsylvania. His son, my grandfather, was E. Baxter Black. (b. 1866). According to the U.S. Trotting Registry Black's Hambletonian was foaled in 1868. It's beginning to look suspicious.

The ancestry backtrack for James Black (b. 1833) ends with him. S. Baxter Black was born in Pennsylvania in 1825, eight years before James. S. Black's father was listed as foreign-born. The census in 1850 shows S. Baxter Black to be living in Lancaster County Pennsylvania and was listed as a farmer.

It is my belief that James named his son E. Baxter Black after S. Baxter Black. They were across the state from each other and the ancestry doesn't connect them as brothers, but they could easily be cousins. E. Baxter had a son named Robert who named his son Baxter

A. ...which is me. And we are all horsey. Grandpa E. Baxter was horsey. The same could be said of my father Robert, Uncle Bert, cousin Jim (James), daughter Jennifer and me.

Now, \$3,500 had to be a lot of money in 1868. But it appears S. Baxter was doing pretty well for himself. Black's Hamilton is sired by Rysdyk's Hambletonian (b. 1849) who happens to be the one of the most prominent sires of the breed.

My contention is supported by the dearth of Baxter Blacks who have walked the earth. When I Google myself I find only one or two but they have different middle initials. I figger if I checked their ancestry back four or five generations we'd all be named after the same character that S. Baxter was named after. After all, who would make up a name like that?

James moved through Wisconsin and Texas then finally Oklahoma. His son E. Baxter was in the Oklahoma Territory Land Run of '89 and staked out the home place where my dad was born in 1918. In 1880 S. Baxter moved to Lexington, Kentucky, bein' in the horse business and all, and in 1888 he had a sale. Sold the place, the livestock and all the horses except two; Greenfield and Black's Hambletonian.

I have on my wall an original litho of Black's Hambletonian that was portrayed in the livestock book 150 years ago. How I got it is another story.

Christmas SPIRIT Foundation Launches Trees for Troops® 2013

Trees for Troops®, the national program that provides free, farm-grown Christmas trees to armed forces members and their families each Christmas, is off and running for 2013, with plans to deliver more than 17,000 Christmas trees to 61 military bases in the U.S. and overseas. Now in its ninth year, Trees for Troops is a program of the Christmas SPIRIT Foundation, working together with FedEx and members of the National Christmas Tree Association and many state and local Christmas Tree associations.

This year's Trees for Troops program kicks off November 19 at Dull's Tree Farm in Thorntown, Indiana, where approximately 250 trees donated by members of the Indiana Christmas Tree Association will be collected and transport-

ed via FedEx to service members stationed at Kandahar Airfield, Afghanistan and the 380th Air Expeditionary Wing, Southwest Asia. In the weeks that follow, thousands of trees will be donated, collected and delivered to more than 61 military bases domestically. Trees are provided through the generosity of Christmas Tree growers, retailers and consumers across the country, with shipping provided by FedEx.

The public is invited to help support Trees for Troops, and each donation will help ensure Trees for Troops can provide another Christmas tree as a token of thanks and gratitude for the sacrifices of America's service men and women and their families. Donations may be tax deductible. To donate or learn more about how you can help,

visit www.treesfortroops.org.

"Being involved with Trees for Troops is truly a gift that gives back," said Nigel Manley, Christmas SPIRIT Foundation chairman. "It's rewarding and meaningful to everyone involved, because it gives us the opportunity to say thank you to our troops, and help ensure military families have the kind of joyful, traditional Christmas memories that we would wish for America's heroes."

"America appreciates the sacrifices military service men and women and their families make each and every day," said Cline Church, president of the National Christmas Tree Association and owner of Cline Church Nursery in Fleetwood, N.C. "As Christmas tree farmers, we want

to provide a little Christmas spirit and maybe help start a new tradition with military families to be able to experience a traditional Christmas with a real Christmas tree grown right here on our farms in America."

Since 2005, Trees for Troops has delivered more than 122,000 real Christmas trees to thankful troops and military families. Each year, thousands of trees are donated by Christmas tree growers (through the National Christmas Tree Association, state and regional Christmas tree associations) and consumers. FedEx and its team members generously provide shipping to bases in the U.S. and Middle East, through FedEx Express air operations and the FedEx Freight trucking network.

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AUCTION CALENDAR

SATURDAY, DECEMBER 14 — 10:00 AM
GUNS — AMMO — RE-LOADING TOOLS & COMPONENTS

Douglass Community Building, 220 S. Forrest
DOUGLASS, KANSAS

1. Winchester mod 73 rifle 44-40 SN187,695B Pommel Wear
2. Winchester mod 06 rifle 22 short, long, & LR SN169,363 early model
3. Marlin mod 93 SRC 32 Spec SN4,060 Exec cond
4. Mountain Rifle Ca. 30 cal Tiger Maple marked John Lash 1854
5. Colt 45 cal 5 1/5" bbl Nickel Ivory grips Black Powder SN 88,892 documented belonging to Deputy Sheriff John E. Topper of Wheeler Co., Texas, Spec Texas Ranger and SW Cattle Brand Inspector, documentation included
6. Colt 38WCF Cal factory engraved (with letter) nickel plating 4-3/4" bbl SAA with orig carved Pearl Steer Head Grips SN 220,717
7. Gen Motors (Inland mfg div) WWII M-1 Carbine 30 cal semi-auto SN5,279,965 with extra 30 round clip Exell bore
8. Colt SAA 2nd Gen Early SN 23452SA 38 Spec 7 1/2" bbl Rosewood Grips mint cond
9. Colt 1851 Navy engraved cap & ball pistol 36 cal SN 151,669 Burl Walnut grips exec cond
10. Colt 41 cal Thunderer DA frosty nickel 3-1/2" ejector less SN 48,756 with original period holster as found exec cond
11. Large E. Monseur Liegh Muskatoon cap & ball rifle, lg bore
12. Winchester WWII M-1 carbine 30 cal semi-auto SN 1,229,288 w/extra 30 round clip Exell bore
13. Winchester 101 Diamond grade 12 ga O/U shotgun skeet, w/high grade wood
14. Winchester 101 Diamond grade 12 ga O/U shotgun trap, w/high grade wood
15. Winchester 364 mod 70, 270 cal, Featherweight
16. Mod 1950 Belgium 7mm Mauser
17. U S Property M8 flare pistol

ANTIQUES: Saddle bags; Winchester signs & Cowboy tins; Sev carved ducks. **PARTS:** Stocks & Forearms for Rem 1100, Rem 870 Win 101 trap & skeet; 40-50 Revolver speed loaders; Turret for PW loader, shot shell tooling; New grips-Colt 1911 single & double action, S & W all sizes, Ruger, Taurus, Rossi, wood; rubber; bone & more all labeled; Lg box of recoil pads new & used; 38 MEC charge bars; 40-50 hard & soft gun cases. **LOADERS:** 6 MEC loaders 600 JR 12; Super 600 12; Super 650 12; 2 new 9000 410; New 9000 20 ga.; MEC items; 4-5 Pacific loaders. **SUPPLIES incl:** 15-20 new 10X shooting vests, all sizes; 20-30 shooting shirts Beretta, Browning, & others; 40-50 T-shirts; **RELOADING & MISC incl:** 100 or more choke tubes, all makes & gauges; 100's of new brass empties; 45 Win mag; Win 3855; Win 38 Super auto; Win 3840; Win 4440; Rem 3220; Win 6.5 x 55; Win 284; Roberts 257; Sav 300; Gov 40-65; Rem 8 mm mag; Rem 416 mag; WSSM 243; 45-70; 45 basic; Huge assortment of MEC loader repair parts; shot & powder bottles; 100's new plastic ammo boxes; Dozens metal military ammo, 100's misc bullets, all calibers; 100's scope mounts, rings, all brand & variations; 100's collector ammo boxes & shells; Sev bags of shot #9, 5 & 6; **WADS & HULLS;** **BOOKS incl:** 50 or more gun books; Gun Smith & Re-loading manuals; **AMMO incl:** 80-100 bozes of rare collector ammo & more.

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Auction Sales Scheduled

Bidding starts to close December 4 — Ag equipment internet auction. www.purplewave.com. Auctioneers: Purple Wave Auction.

November 26 (1st of several auctions) — Restaurant equipment & fixtures at Kansas City, MO for Nickols Fixtures. Auctioneers: Lindsay Auction Service, Inc.

November 27 — Tractors, combines, trucks, trailers, farm equipment of all kinds, lawn & garden & more online at (www.bigiron.com). Auctioneers: Stock Auction Co.

November 29 — Nemaha County farmland real estate at Corning for Roger W. & James L. Cox. Auctioneers: Cline Realty & Auction, LLC.

November 30 — Tractors, loaders, truck, trailer, farm equipment, mower, tools & household at Eskridge for Leon & Norma Jean Vilander. Auctioneers: Gannon Real Estate & Auctions.

November 30 — Truck, mowers, trailers & misc. farm equipment, shop items, livestock equipment, collectibles, guns & misc. at Windom for Evert Bengston Trust. Auctioneers: Triple K Auction & Real Estate.

November 30 — Collectibles, furniture & appliances, tools & misc. at Herington for the late Toby & Harriett Harmon. Auctioneers: Hallgren Real Estate & Auctions, LLC.

November 30 — Household & collectibles, beer lights, furniture at Washington for Merlin Lange, Frank Henderson & others. Auctioneers: Midwest Land & Home, Mark Uhlik.

November 30 — Consignments at Salina. Auctioneers: Wilson Realty & Auction Service.

December 1 — Real estate, furniture, appliances, guns, coins, glassware, collectibles, tools & misc. at Junction City for John Hannan and Patricia Burke. Auctioneers: Brown Real Estate & Auction Service, LLC.

December 2 — Marion County grassland/CRP with wildlife acreage at Marion for Ira Penner. Auctioneers: Leppke Realty & Auction.

December 2 — Marion County land at Marion for Joyce (Mrs. Gerald)

Kessler. Auctioneers: Leppke Realty & Auction.

December 2 — Pawnee County, Nebraska real estate at Burchard, Nebraska for Gary Trull & Sheila Richmond. Auctioneers: Speckmann Realty & Auction Service, Inc.

December 2 — Real estate at McCracken for Patricia R. Van Doren Revocable Trust. Auctioneers: Farmland Auction & Realty.

December 3 — Riley County acreage, old stone home at Randolph for Mike & Sandra Kearns Trust. Auctioneers: Gannon Real Estate & Auctions.

December 3 — Marion County land at Tampa for Dennis C. Petterson. Auctioneers: Leppke Realty & Auction.

December 3 — Combine, tractors, trucks, farm equipment, trailers, shop items & more near Ulysses for Dew Farms, Inc. Auctioneers: Berning Auction.

December 3 — Dickinson County creekbottom farmland at Abilene for children of Nancy Gingrich Schaulis. Auctioneers: Riordan Auction & Realty.

December 4 — Manufacturing plant closing at Kansas City, Missouri. Auctioneers: Lindsay Auctions.

December 4 — Machinery, trucks, etc. at Leoti for Hager Ranch. Auctioneers: Sheridan Realty & Auction Co.

December 4 — Tractors, combines, trucks, trailers, farm equipment of all kinds, lawn & garden & more online at (www.bigiron.com). Auctioneers: Stock Auction Co.

December 5 — Tractors, row crop tractors, combines, corn heads, planters, flex heads, sprayers, tillage equip., skid loader, lawn & garden, utility vehicles at Owatonna, Minnesota and online at (www.gehlinglive.com). Auctioneers: Gehling Auctions.

December 5 — Farmland at Salina for Joel, Mark, Eric & Brian Sumeall. Auctioneers: Riordan Auction & Realty.

December 6 — Marion County grass land & rural home at Peabody for Thelma L. Warkentine Estate. Auctioneers:

Leppke Realty & Auction.

December 7 — Tractors, combine, heads, trucks, stock trailer, livestock equipment & farm machinery at Lyndon for Pau & Dollie Brechisen. Auctioneers: Wischropp Auctions, Elston Auctions.

December 7 — Antique furniture, glassware & primitives at Wellington. Auctioneers: United Country Theurer Auction/Realty, LLC.

December 7 — Tractors, tillage equipment, equipment, hay equipment & misc., OTR trailers, farm trucks & trailers, lawn mower & 4-wheeler at Raymore, Missouri for Steve & Kelly Yocum. Auctioneers: Cantrell Auctions.

December 7 — Tractors, trucks, farm machinery, shop equipment & farm related items near Newton for Kenneth Dyck Estate (Leona Dyck, seller). Auctioneers: Van Schmidt Auctions.

December 7 — River improved bottom farm, farm dispersal & trained Quarter Horses at Eureka for Hurley & Linda Breech. Auctioneers: Chuck Korte Real Estate & Auction Service, Inc.

December 10 — Morris County pasture land at White City for Fred M. Worrell & Wilda R. Worrell. Auctioneers: Brown Real Estate & Auction Service, LLC.

December 10 — 2 tracts of land in Sumner County at Caldwell. Auctioneers: JP Weigand & Sons, Inc.

December 10 — Restaurant equipment & fixtures at Kansas City, MO for Nickols Fixtures. Auctioneers: Lindsay Auction Service, Inc.

December 11 — Warehouse & office equipment at Salina for School Specialty Supply. Auctioneers: Wilson Realty & Auction Service.

December 11 — Tractors, planters, drills, tillage, skid steers, hay equipment, combines, corn heads & platforms, grain handling equipment, sprayers, cutters & misc. at Hiawatha for inventory reduction Bruna Implement Company. Auctioneers: Wheeler Auctions & Real Estate.

December 12 — Woodson County acreage (near

Yates Center) at Yates Center. Auctioneers: JP Weigand & Sons, Inc.

December 14 — Guns, ammo, reloading tools & components at Douglass for Allan Harshman Estate. Auctioneers: Chuck Korte Real Estate & Auction Service, Inc.

December 14 — Tractors, combines, trailers, farm equipment near Medicine Lodge for Gene Bell Estate/Bar Bell Ranch. Auctioneers: Hamm Auction & Real Estate, LLC.

December 14 — Farmland real estate NE of Bern for the heirs of Kay Harter. Auctioneers: Cline Realty & Auction, LLC.

December 15 — Guns at Salina. Auctioneers: Wilson Realty & Auction Service.

December 17 — Clay County land at Clay Center. Auctioneers: Farmers National Company.

December 17 — Morris County real estate at Council Grove for Darrell V. & Beverly A. Leeds. Auctioneers: Hallgren Real Estate & Auction, LLC.

December 17 — Farm equipment of all kinds at Greensburg & online (www.agaauctions.com). Auctioneers: Ag Auctions, LLC.

December 18 — Anderson County farmland with center pivots, pens, feedbunks at Greeley for Les McGhee (Bryan Enterprises). Auctioneers: Dave Webb, Webb & Associates, Webb Realty Auctions & Appraisals.

December 18 — Coffey County acreage land at New Strawn. Auctioneers: Results Realty, LLC.

December 19 — Dickinson County cropland & grassland at Abilene for William F. Gragg Trust, Judy Gossage & Mark Gragg, co-trustee. Auctioneers: Riordan Auction & Realty.

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

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

WEATHER DATE: January 14 (for January 9) — ICEF Oberg, Inc. & Oberg Farms, LP real estate auction at Clay Center. Auctioneers: Clay Coun-

ty Real Estate, Greg Kretz, salesman & auctioneer.

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

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

February 22 — Herefords & Quarter Horses at Cottonwood Falls for

TS Ranch.

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

March 1 — Farm machinery & miscellaneous at Green for Bruce Dodds. Auctioneers: Kretz & Bloom Auction Service.

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

March 24 — Production sale at Dwight for Oleen Brothers.

K-State agronomy students excel at national association meeting

Several Kansas State University agronomy students earned honors and recognition at the 2013 American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America national meetings, Nov. 3-6, in Tampa, Fla.

Pavithra Arachchige won second place in poster presentation and third place in oral presentation, Soil Chemistry Division, Soil Science Society of America graduate student competition.

Ray Asebedo took third place in oral presentation, Soil Fertility and Plant Nutrition Division, Soil Science Society of America graduate student competition.

Sarah Battenfield won third place in poster in Division C-1, Plant Breeding and Genetics, Crop Science Society of America graduate student competition.

Bryson Haverkamp took third in poster presentation, Division C-3, Crop Ecology, Management & Quality, Crop Science Society of America graduate student competition.

Kyle Shroyer gained honorable mention for poster presentation, Division C-2, Crop Physiology and Metabolism, Crop Science Society of America graduate student competition.

Dilooshi Weerasooriya won third place in poster presentation, ACS528 Diversity Student Poster Competition.

The Wheat State Agronomy Club took third place in club poster competition, Students of Agronomy, Soils, and Environmental Sciences.

More than 500 graduate students from around the country were at the meetings, said Gary Pierzynski, head, Department of Agronomy, and past president of the Soil Science Society of America.

AUCTION

WEDNESDAY, DECEMBER 4 — 10:00 AM

1133 WINCHESTER, KANSAS CITY MISSOURI
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MANUFACTURING PLANT CLOSING

Hurco CNC model Hawk 30/SSM 3ph has Hurco ultimax SSM controller — HE&M saw model CYCLOAC 85 psi, 224/440 volt 7.5hp, 42" blade length, angle cut metal band saw w/computer controlled feed — DoAll job selector model C-305 w/model C-305NC controller metal cutting band saw — Complete powder coat system w/spray room 12'wideX20'longX11'8"tall w/lights w/Nordson powder system model DSY5-SHSSNX04C1 includes oven w/power conveyor, approx. 562' of conveyor — Scotchman model 350LT 460v cut off saw — Roll-in saw vertical metal cutting band saw — Cleereman drilling machine model 00807 cat#M-G2090 metal A-frame on wheels.

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141 ± AC. NEAR YATES CENTER, WOODSON CO., KS

THURS., DECEMBER 12TH @ 6:00 P.M.

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FARM MACHINERY AUCTION

SATURDAY, DECEMBER 14 — 10:30 AM
LOCATION: From Medicine Lodge Ks, 3 W. on Hwy 160 to Gyp Hill Road, 6 S. to Scenic Drive, 6 W. to Lasswell road, then 2 S.

WATCH FOR SIGNS!!

GENE BELL ESTATE/BAR BELL RANCH

2013 Versatile 220 tractor with Versatile 3895 Loader has 8 1/2 bucket & grapple, only 120 hrs; 2008 Versatile 2335 4 wheel drive Tractor, duals, 4 hyd. only 2000 hours; IHC 5288 Tractor 8,030 hrs; Case IH 2588 Combine AFS, has 1010 30 ft. header, 380 eng. hrs & 245 sep. hrs, New Concaves for 2588 (corn & bean); (2) 1994 Case IH 1688 Combines one has 3,160 hrs & 1010 30 ft. header, one has 2,540 hrs and 1010 25 ft. header; 2010 Chevy 3500 HD PU, 4x4 auto Vortec 6.0 has Hydro bed, 84,000+/- miles; 2004 Chevy Duramax Diesel 3500 auto, 4x4 has Butler bale bed, 130,000+/- miles; 2000 IHC 9200 truck, M11, 10 sp, has 600,000+/- miles; 1997 Jet Grain trailer 34' roll tarp; 2 Blair livestock trailers a 7x24 & 7x20; (1) Travelong livestock trailer 7x24; tandem axle fuel trailer; A&L Grain Cart; JD 455 drill 35' 7 1/2 spacing double disc; 2012 Great Plains 8544 field cultivator/5 bar harrow/no load hitch 44"; 2009 Great Plains 4430 disc new discs and bearings in 2012; 2010 JD 568 Round Baler; JD 4640 tractor 6414 hours; 8'x52' My D Handy auger; C70 Chevy truck 16' box/hoist; & More!

Announcements made Day of Sale take precedence Over any internet, digital, faxed or printed materials

Full Sale bill Online at www.hammauction.com



John Hamm/Auctioneer/620-672-6996
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FARM EQUIPMENT AUCTION

TUESDAY, DECEMBER 3 — 10:00 AM
LOCATION: From ULYSSES, KS on Highway 160 east 12 miles to Rd. V, 5 miles north to Road 8, 1/2 mile east.

Combine & Tractors: 2001 JD 9300 tractor, 4 wheel-drive, dual tires, 3,537 hrs, new tires, Ser.# RW9300H010546; 1990 JD 4955 tractor, row crop, duals, 2,615 hrs, Ser.#RW4955 P00639; 1995 JD 9600 combine, 379 eng. hrs, hydro, w/930 platform; JD 653A row head; Shelborne 28' header, mdl CX84; header trailer; Kinze 840 grain cart; McCormick antique tractor, restored. **Trucks:** 1965 Dodge truck w/15' bed & hoist; 1959 Ford truck w/15' bed & hoist; Ford F-6 truck w/gin poles & winch; IHC 185 truck w/well pulling unit. **Farm Equip.:** Quinstar 40' Follow Master II w/pickers; FK 7x6 sweep plow, XL series; JD Model 726 mulch finisher, 36"; JD 9400 hoe drills, 10x12 w/transport; Hancock paddle scraper; Krause 5200 drill, 3 pt., 20"; JD 7300 planter, 3pt., 12-row; Caldwell 20' shredder; Or-thman 32' close row cultivator; Fertilizer applicator, 30', pull

type; Hamby 30' double tool bar; Double tool bar, 30' w/harrows; AG dammer dicker, 30', 3 pt.; Big Ox 9 shank ripper; JD 30' rotary hoe; sev. 30' tool bars; 3 pt. ditch closer; 2-bottom roll over plow. **Other Farm Items:** 3 New Isuzu diesel engine; 3 New Cummins E-Class dsl engines; 2 Cummins 855 engines, rebuilt, ready to go; 15' grain auger. **Trailers:** 14' Stock trailer; 2) NH3 tanks on trailers; 50' flat bed semi-trailer; 1000 gal. water nurse trailer w/pump; 1000 gal. nurse trailer, pull between. **Shop Items:** Clausing-Colchester 17" metal lathe, 36" table; Hobart welder; Coats tire machine; Tire balancer; Tire cage; Lots of shelving, bearings, filters, hoses; Hydraulic hose crimping station w/hose & fittings; Mechanics tool boxes; Air compressor; Hand tools; Craftsman drill press; Used tires; Lots of shop items not listed.

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Harvest nears completion as seasonal temps hold

For the week ending November 17, 2013, dry conditions prevailed across most of Kansas, with the only precipitation reported in the southeast and the extreme northeast districts, according to USDA's National Agricultural Statistics Service. With seasonal temperatures, a few windy days, and a hard freeze, many farmers were able to get most of the remaining crops harvested. A few areas of slow-drying sorghum and double crop soybeans remain.

Cattle producers have been preparing for winter, bringing cows in from pasture and weaning calves. Many cattlemen in western Kansas are taking advantage of the good stands of wheat and running their herds on wheat pasture. There were 6.2 days suitable for fieldwork. Topsoil moisture supplies rated 6 percent very short, 21 short, 69 adequate, and 4 surplus. Subsoil moisture supplies were 15 percent very short, 26 short, 57 adequate, and 2 surplus.

Field Crops Report: Winter wheat emerged was 96 percent, near 95 last year but ahead of 91 average. Wheat condition rated 1 percent very poor, 2 poor, 32 fair, 58 good, and 7 excellent.

Corn harvest was 94 percent complete, behind 100 last year, but equal to average. Sorghum harvested was 88 percent, behind 95 last year but ahead of 84 average. Soybeans harvested was 91 percent, behind 97 last year but near 93 average. Cotton harvested was 43 percent, well behind 76 last year but near 47 average. Condition rated 3 percent very poor, 12 poor, 47 fair, 31 good, and 7 excellent.

Sunflowers harvested was 87 percent, behind 92 last year but ahead of 80 average.

Livestock, Pasture and Range Report: Stock water supplies rated 11 percent very short, 16 short, 70 adequate, and 3 surplus.

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JD	9630T	2011	1255 HRS	\$260,000.00
JD	8285R	2013	264 HRS	\$210,000.00
JD	8430T	2007	1848 HRS	\$162,500.00
JD	8430T	2007	3400 HRS	\$140,000.00
JD	8430T	2007	3450 HRS	\$140,000.00
JD	8320	2005	2400 HRS	\$125,000.00
JD	8220	2002	2650 HRS	\$110,000.00
JD	8420T	2003	4500 HRS	\$107,000.00
JD	9400	1998	4846 HR	\$80,000.00
JD	8200	1996	4150 HRS	\$68,000.00
JD	7130	2012	170 HR	\$64,500.00
JD	6420 MFD	2002	1900 HRS	\$60,000.00
JD	8235R	2011	1100 HRS	\$169,000.00
JD	7800 MFD	1993	9750 HRS	\$48,000.00
JD	2520	2011	205 HRS	\$15,000.00



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STARTING 10:00 A.M. ON CULL COWS

FOLLOWED BY STOCKER FEEDERS — 11:00 A.M.

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



For our sale Friday, Nov. 22, we had several cancellations due to the icy condition on Thursday evening Nov. 21. However, the cattle that were offered found good interest at mostly steady prices. Some of the heifers offered were showing some weakness especially on the heifers showing extra flesh. Cull cows and bulls were selling \$2 to \$3 lower.

STEER CALVES — 375-550 LBS

Mike Petrie & Sons	Shawnee	6 blk	384@211.00
Mike Petrie & Sons	Shawnee	17 blk	473@208.00
Trey Lohman	Leavenworth	4 blk	437@205.00
Carl Presley	Tonganoxie	5 xbred	433@201.00
Darold & Glenn Brunkow	Wamego	14 bwf	493@194.00
NNR	Linn	6 xbred	504@192.50
Stuart Sweeney	Linwood	3 xbred	468@192.00
Cameo Farms	Osage City	10 Angus	538@191.50
Forrest Johnson	Leonardville	3 blk	415@190.50
Raymond Tannahill	Holton	3 blk	521@190.00
NNR	Frankfort	9 Angus	547@189.50
Scott Murray & Larry Jackson	Auburn	4 blk	525@185.00
Arthur Garn	Eskridge	3 blk	471@179.00

FEEDER STEERS — 550-900 LBS

Mike Petrie & Sons	Shawnee	52 blk	559@192.25
David Bowhay	Netawaka	7 blk	559@189.00
Terry Bottom	Soldier	4 xbred	552@184.50
D&J Miller Farms	Frankfort	11 blk	579@183.00
NNR	Linn	18 blk	600@180.50
Mayer Ranch LLC	Alta Vista	84 blk	599@180.50
Forrest Johnson	Leonardville	15 blk	585@179.50
Mike & Sharon Lindell	Leonardville	7 blk	570@175.00
KSU Purebred Unit	Manhattan	11 blk	644@173.00
Mike & Sharon Lindell	Leonardville	14 blk	631@172.75
Samuel H. Euler	Dwight	3 Angus	603@172.50
A&L Jones LLC	Frankfort	41 Angus	653@172.25
Mike Petrie & Sons	Shawnee	36 blk	652@170.50
NNR	Linn	32 xbred	669@170.50
David Bowhay	Netawaka	51 blk	651@170.50
Darold & Glenn Brunkow	Wamego	8 blk	621@169.00
Forrest Johnson	Leonardville	6 blk	625@168.00
Merle Schmale	Palmer	5 blk	631@168.00
Darold & Glenn Brunkow	Wamego	4 bwf	610@167.50
Trey Lohman	Leavenworth	3 blk	615@166.00
NNR	Havensville	3 blk	598@165.00
Mike Johnson	Bonner Springs	10 blk	680@164.75
Line Cattle Co.	Wamego	6 blk	761@164.25
James & Mary Gehrt	Alma	10 blk	723@164.00
KSU Purebred Unit	Manhattan	10 blk	763@164.00
Mike & Sharon Lindell	Leonardville	11 blk	755@163.00
David Bowhay	Netawaka	6 xbred	752@162.50
D&J Miller Farms	Frankfort	14 blk	697@162.00
NNR	Linn	7 xbred	765@162.00
NNR	Clay Center	6 xbred	756@162.00
Samuel H. Euler	Dwight	8 Angus	681@162.00
Matt & Larry Schmale	Linn	11 blk	689@161.50
Raymond Tannahill	Holton	3 xbred	670@161.50
Evan McCreath	White City	5 xbred	682@161.00
Arthur Garn	Eskridge	6 blk	682@160.50
Cameo Farms	Osage City	7 Angus	667@160.00
Terry Bottom	Soldier	11 xbred	687@160.00
Evan McCreath	White City	5 xbred	749@159.50
Mike Johnson	Bonner Springs	13 blk	795@159.00
Merle Schmale	Palmer	5 blk	751@158.50
Matt & Larry Schmale	Linn	6 blk	765@158.00
James & Mary Gehrt	Alma	5 blk	824@156.50
Raymond Tannahill	Holton	9 xbred	761@156.00
Ray Allaman	Junction City	12 herford	749@154.75
NNR	Clay Center	8 xbred	865@154.50
Mike Johnson	Bonner Springs	10 blk	880@152.00
KSU Purebred Unit	Manhattan	5 blk	764@148.00

HEIFER CALVES — 325-550 LBS

Carl Presley	Tonganoxie	3 xbred	335@184.00
Scott Murray & Larry Jackson	Auburn	6 blk	341@176.00
NNR	Linn	10 xbred	495@175.00
Scott Murray & Larry Jackson	Auburn	5 blk	411@174.50
Mike Petrie & Sons	Shawnee	30 blk	481@174.25
Mike Petrie & Sons	Shawnee	14 blk	436@173.00
Terry Bottom	Soldier	9 xbred	476@172.00
Darold & Glenn Brunkow	Wamego	15 bwf	516@169.50
Evan McCreath	White City	4 xbred	517@168.50
Forrest Johnson	Leonardville	4 blk	496@164.00

FEEDER HEIFERS — 550-875 LBS

Mike Petrie & Sons	Shawnee	26 blk	550@163.75
D&J Miller Farms	Frankfort	10 blk	603@161.00
Darold & Glenn Brunkow	Wamego	11 blk	574@160.50
Merle Schmale	Palmer	6 blk	684@158.50
Matt & Larry Schmale	Linn	11 blk	657@156.00

Raymond Tannahill	Holton	11 xbred	566@155.50
Terry Bottom	Soldier	4 xbred	592@155.50
Mike Johnson	Bonner Springs	6 blk	592@155.00
Terry Bottom	Soldier	9 blk	630@154.50
Evan McCreath	White City	6 xbred	662@153.50
Darold & Glenn Brunkow	Wamego	6 bwf	556@153.00
KSU Purebred Unit	Manhattan	9 blk	555@152.50
D&J Miller Farms	Frankfort	13 blk	694@150.50
Line Cattle Co.	Wamego	3 blk	728@150.50
Raymond Tannahill	Holton	18 xbred	664@150.50
KSU Purebred Unit	Manhattan	14 blk	640@150.25
NNR	Linn	5 xbred	755@150.00
Matt & Larry Schmale	Linn	5 blk	761@149.50
Mike Johnson	Bonner Springs	17 blk	743@148.75
NNR	Manhattan	6 blk	875@148.00
Michael Dikeman	Manhattan	3 xbred	620@147.50
Mike Johnson	Bonner Springs	11 xbred	866@147.50
NNR	Manhattan	9 xbred	754@147.00

BULLS — 1775-2125 LBS

Gary & Joan Kolterman	Havensville	1 blk	2010@90.75
Dean Hill	Wakefield	1 blk	1840@89.75
NNR	Council Grove	1 xbred	1785@89.75
Arllyss Alexander	Clay Center	1 blk	2105@88.75
NNR	Council Grove	1 blk	1665@88.25
NNR	Council Grove	1 blk	1785@87.75

COWS & HEIFERETTES — 775-1775 LBS

Larson Farms	Green	1 blk	795@140.00
Larson Farms	Green	4 blk	1032@136.00
Jason & Shannon Fox	Westmoreland	1 xbred	690@129.00
Downey Ranch	Wamego	1 blk	875@124.00
Larson Farms	Green	1 blk	1300@123.50
Larson Farms	Green	1 blk	1115@122.00
Jim Conrad	Harveysville	1 blk	1030@120.00
Downey Ranch	Wamego	1 blk	1110@119.00
Downey Ranch	Wamego	1 blk	965@117.00
David Bowhay	Netawaka	1 blk	960@114.00
Winson Amick	Alma	1 blk	1055@111.00
David Hugg	Emporia	1 blk	1215@110.00
Downey Ranch	Wamego	1 blk	980@109.00
Downey Ranch	Wamego	1 blk	1075@108.00
Greg Gieswein	Council Grove	1 bwf	985@96.50
Ron Say	Alta Vista	1 blk	1145@95.00
Dan Reves	Westmoreland	1 blk	1300@93.50
Mushrush Ranch LLC	Strong City	1 xbred	1380@93.00
Larson Ranch	Green	1 blk	1650@88.25
Richard Roeser	Junction City	1 bwf	1770@87.75
Umscheid Farms LLC	Flush	1 bwf	1550@87.75
Umscheid Farms LLC	Flush	1 blk	1615@87.50
Julie & Eldon Sylvester	Wamego	1 xbred	1350@87.25
Umscheid Farms LLC	Flush	1 blk	1505@87.25
M&S Livestock	Green	1 bwf	1285@87.00
Mushrush Ranch LLC	Strong City	1 xbred	1670@87.00
Charles Long	Alta Vista	1 bwf	1590@86.00
Dan Reves	Westmoreland	1 blk	1485@86.00
M&S Livestock	Green	1 xbred	1510@85.00
David Bowhay	Netawaka	1 blk	1460@83.25
Michael Ebert	Flush	1 blk	1620@81.50
NNR	Leonardville	1 bwf	1540@81.00
Cameo Farms	Osage City	1 blk	1540@80.50
Winston Amick	Alma	1 blk	1155@80.50
Rafter P Cattle	Waterville	1 blk	905@80.00
Rafter P Cattle	Waterville	1 blk	1300@79.75
Downey Ranch	Wamego	1 blk	1300@79.50
David Bowhay	Netawaka	1 blk	1395@79.50
Gene Alexander	Topeka	1 herford	1375@78.75
Arllyss Alexander	Clay Center	1 blk	1190@78.50
David Bowhay	Netawaka	1 blk	1250@78.50
NNR	Leonardville	1 blk	1335@77.75
Jeff &/or Sally Miller	Onaga	1 bwf	1320@77.75
M&S Livestock	Green	1 blk	1240@77.50
NNR	Maple Hill	1 herford	1300@77.00
Neva D Handley Trust	Onaga	1 blk	1330@77.00
Rick Leonard	Manhattan	1 blk	1560@76.00
David Bowhay	Netawaka	1 xbred	1320@75.50
Cameo Farms	Osage City	1 blk	1315@74.00
Julie & Eldon Sylvester	Wamego	1 bwf	1190@73.50
NNR	St. George	1 bwf	1575@73.00
M&S Livestock	Green	1 blk	1120@70.50

For our special cow sale held Wednesday, Nov. 20, a large attendance of buyers bid on a nice run of cows and bred heifers. All classes of cows were showing very good interest with a good demand.

COW/CALF PAIRS

3 Bar Cattle	Mayetta	8 blk	Age.	
Austin & Lance Cline	Frankfort	5 blk	5-6	\$2,775.00
			3-4	\$2,750.00

Jim Conrad	Harveysville	3 blk	3-4	\$2,750.00
3 Bar Cattle	Mayetta	7 blk	3-4	\$2,725.00
Austin & Lance Cline	Frankfort	4 blk	4-5	\$2,700.00
3 Bar Cattle	Mayetta	6 blk	3-4	\$2,700.00
3 Bar Cattle	Mayetta	8 blk	5-6	\$2,700.00
Neal & Debbie Keeler	Whiting	8 blk	2	\$2,650.00
Jim Elder	Wamego	6 blk	2-3	\$2,575.00
Gary Luttman	Wakefield	8 blk	2	\$2,550.00
Jim Elder	Wamego	7 blk	3-4	\$2,525.00
Kirk Zerbe	Belvue	8 blk	3-5	\$2,525.00
Nathan Anderson	Alma	4 blk	2	\$2,500.00
Jim Elder	Wamego	5 blk	2-3	\$2,475.00
Gary Luttman	Wakefield	12 blk	2	\$2,450.00
Austin & Lance Cline	Frankfort	3 blk	5-6	\$2,450.00
Jim Elder	Wamego	5 blk	5-6	\$2,450.00
Allen Clough	Perry	5 blk	6-7	\$2,400.00
Danny Van Donge	Havensville	3 blk	2	\$2,400.00
Gary Luttman	Wakefield	8 blk	2	\$2,350.00
Jim Elder	Wamego	8 blk	5-6	\$2,325.00
Jim Elder	Wamego	3 blk	4-6	\$2,100.00
Gary & Joan Kolterman	Havensville	5 blk	BM	\$2,000.00
Jim Elder	Wamego	3 blk	SS	\$1,900.00
Gary Luttman	Wakefield	3 blk	2	\$1,825.00

BRED COWS

		Age	Mo.	
M&S Livestock	Green	7 bwf	3	5-6 \$2,450.00
Silksville Ranch	Kansas City	12	4	4-5 \$2,425.00
Silksville Ranch	Kansas City	70 blk	4	4-5 \$2,400.00
M&S Livestock	Green	8 bwf	4-5	5-6 \$2,400.00
Jim Elder	Wamego	12 blk	5-6	5-6 \$2,375.00
Jim Elder	Wamego	5 blk	4	5 \$2,200.00
Wamego	30 blk	2-6	5-8	\$2,150.00
David Hugg	Emporia	23 blk	2	5 \$2,125.00
Jim Elder	Wamego	10 blk	3-4	5-6 \$2,100.00
Dave Heier	Olsburg	12 blk	2	4 \$2,025.00
David Hugg	Emporia	17 xbred	2	5 \$2,025.00
Dave Heier	Olsburg	8 blk	2	4 \$2,000.00
Dave Heier	Olsburg	11 blk	2	4 \$1,975.00
Jim Elder	Wamego	2 xbred	3-5	5 \$1,950.00
Carl & Nila Meyer LLC	Osage City	2 blk	2	4 \$1,925.00
3 Bar Cattle	Mayetta	3 blk	2	7-8 \$1,800.00
Jim Elder	Wamego	2 blk	3-5	5-6 \$1,750.00
3 Bar Cattle	Mayetta	7 blk	2	5 \$1,750.00
Chase Brown	Alta Vista	4 bwf	6-7	5-7 \$1,725.00
Chase Brown	Alta Vista	2 blk	6-7	5-7 \$1,710.00
3 Bar Cattle	Mayetta	5 blk	2	4 \$1,700.00
Carl & Nila Meyer LLC	Osage City	4 xbred	5-6	5 \$1,500.00
Rafter P Cattle	Waterville	2 blk	7	4 \$1,450.00
Brethouer Ranch	Maple Hill	4	00	5 \$1,360.00
Brethouer Ranch	Maple Hill	2 blk	BM	4-5 \$1,285.00
Julie & Eldon Sylvester	Wamego	7 xbred	00-BM	5 \$1,250.00
Carl & Nila Meyer LLC	Osage City	2 xbred	SS-BM	4 \$1,160.00
Winston Amick	Alma	2 bwf	00-BM	3-4 \$1,010.00

EARLY CONSIGNMENTS

FRIDAY, DECEMBER 6TH:

103 Choice Reputation Angus str & hfrs, 550-700 lbs.
80 Choice Reputation Angus str & Replacement Quality hfrs, weaned, 2 complete rds shots, 550-650 lbs.
55 blk & bwf str, 60 days weaned, 2 rds shots, 550-650 lbs.
53 Choice blk str, 2 complete rds shots, knife cut, weaned 60 days, 450-550 lbs.
50 Choice blk & bwf str & hfrs, spring shots, 550-650 lbs.
12 blk & blk baldy str & hfrs, weaned 4 wks, shots, 475-625 lbs.
8 blk Simm str, longtime weaned, 3 rds shots, 750-800 lbs.

EARLY CONSIGNMENTS FRIDAY, DECEMBER 13TH:

16 Choice Angus/Angus-x str & hfrs, out of Fink bulls, 3 rds shots, weaned, 600-650 lbs.

SPECIAL COW SALE DECEMBER 18TH:

Starting at 11:00 AM

15 blk & bwf cows, short and solid to older, bred to Angus or Simm-x bulls, to start calving Feb. for 60 day calving period.

NO SALE FRIDAY
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Upcoming Special Cow Sales (Wednesdays, starting at 11:00 AM):

2013: Dec. 18th, 2014: Jan 22nd, Feb. 19th, March 19th, April 16th, May 7th

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Kansas Hay Market Report

Hay trade slow. Demand light for dairy and grinding alfalfa, for stock cow hay, grass hay and alfalfa pellets. There was wintery weather last Thursday and Friday with a combination of cold rain and snow and blustery. Milo and soybean harvest progressed well with many hoping to finish as of last week. If you have hay for sale or pasture to rent or need hay or grazing, use the services of the Hay and Pasture Exchange: www.kfb.org/commodities/haypasture/index.html.

Southwest Kansas

Dairy and grinding alfalfa steady to soft. Movement slow. Alfalfa, Horse, Large square 250.00, small squares 10.00/bale. Dairy, Supreme 220.00-250.00, most on old contracts; Premium 210.00-245.00, most on old contracts; Good 190.00-220.00; Stock cow 195.00. Fair-Good grinding alfalfa, at the edge of the field or delivered in *150.00-170.00, most 150.00 minimal trade. Ground and delivered locally to feedlots and dairies, 180.00-230.00, some Ground-on-the-truck 165.00-180.00. The week of 11/11-16, 7,832T of grinding alfalfa and 1,550T of dairy alfalfa were delivered. Straw, Good, large bales 60.00-70.00, or 85.00-105.00 delivered. Corn stalks 50.00-60.00, ground and delivered 85.00-100.00. Good, Sudan or Cane, BMR 80.00-100.00.

South Central Kansas

Dairy and grinding alfalfa and, alfalfa pellets steady to soft. Movement slow. Alfalfa, Dairy, Supreme 225.00-260.00, most on old contracts, Premium 190.00-240.00, some on old contracts; Fair-Good grinding alfalfa at the edge of the field 140.00-150.00, Utility 130.00-140.00. Ground and delivered locally to feedlots, 175.00-230.00. The week of 11/11-16, 3,899T of grinding alfalfa and 1,875T of dairy alfalfa were delivered. Alfalfa pellets: Sun Cured 15 and 17 pct protein 238.00-255.00; Dehydrated 17 pct 340.00. Straw, Good, large bales 55.00-70.00, Hi-density bales 65.00-75.00. Corn stalks 50.00-55.00. Grass hay, Good 80.00-120.00. Good, Sudan or Cane, regular or BMR 75.00-95.00. Soybean stalks 65.00.

Southeast Kansas

Alfalfa, brome and prairie hay steady, spots soft. Movement slow. Alfalfa: Horse or Goat, mid squares 250.00-280.00. Bluestem: Good, small squares 140.00-160.00, mid and large squares 120.00-150.00, some fair quality 100.00-110.00, large rounds 75.00-90.00; Brome: Good, Small squares 140.00-165.00, mid and large squares 125.00-150.00, large rounds 80.00-100.00. Grass Mulch CWF, large round 60.00-70.00. Straw, Good, large bales 55.00-60.00.



Earning senior champion sheep showman at the Central Kansas Free Fair was Macey Dinkel, Willowdale 4-H.

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Northwest Kansas

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

North Central-Northeast Kansas

Dairy and grinding alfalfa, prairie hay and brome steady to soft. Movement slow. Alfalfa: Horse, 300.00, some 8.00-9.00/small square bale; Dairy, Some 1.00-1.48/point RFV, Supreme 225.00-245.00; Premium, 200.00-230.00, Good, 170.00-200.00; Utility-Fair grinding alfalfa at the edge of the field, 120.00-150.00; Ground and delivered 190.00-225.00. Grass hay: Bluestem Good, small squares, 6.00-8.00/bale, 130.00-160.00, Mid squares 130.00-150.00, large rounds 65.00-80.00/T. Brome: Good, small squares, 7.00-8.00/bale, 130.00-160.00/T, Mid squares, 130.00-150.00, large round, 50.00/bale, 70.00-90.00; CWF Grass mulch, large round 60.00-70.00, a little 85.00/bale. Straw, Good, small squares 3.50-4.00/bale or 4.25 delivered /bale; large bales 55.00-60.00/T or 70.00-85.00 delivered. Good Sudan or Cane, large rounds 75.00-85.00.

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

*CWF Certified Weed Free.

*RFV calculated using the Wis/Minn formula.

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

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

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

Grass & Grain Community Deaths

Jerald (Jerry) LeRoy Miller

WAMEGO — Jerald LeRoy Miller (Jerry) passed away unexpectedly November 16, 2013. He was born in Wamego on July 25, 1947, to LeRoy and Roberta Hutchinson Miller. Jerry married Peggy Brunkow Miller on February 17, 1983. She survives of the home.

He is also survived by two sons living in Wamego, Mark Miller (Morgan) and Marshal Miller (Jami). Jerry was step-father to Amy Reves (John), Wamego, Penny Cooper (Darren), Rossville and Daniel Moore (Katie), Kansas City, Mo. Other survivors include his mother, Roberta Hutchinson Miller, Wamego; sisters: Judith Scammon, Prairie Village, Ks., and Janet Crocker (Jack), Manhattan, Ks.; two grandsons, one granddaughter, and seven step-grandchildren. His father, LeRoy, preceded him in death.

Services will be private. In lieu of flowers, the family requests memorials be made to the Wamego Community Foundation/WAVM Donation or American Juvenile Diabetes Association and may be left in care of Stewart Funeral Home, Wamego, KS, PO Box 48, 66547.

Online condolences may also be left at www.stewartfuneralhomes.com

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Is seeing really believing? Kansas Forest Service to study windbreak impact on crop yields

Following the drought and dust storms of the 1930s, the federal government's response was to invest \$13.8 million to plant over 200 million trees and shrubs throughout the Great Plains. These plantings were initially established to reduce wind-blown soil, but research suggests that there is an additional benefit that would surprise many agricultural producers. Windbreaks may increase crop yields. "Conventional wisdom suggests otherwise since the zone immediately adjacent to windbreaks usually exhibits obvious reductions in crop yields," said Bob Atchison, rural forestry coordinator with the Kansas Forest Service. "But is seeing always believing?"

"This same research further supports that the visible yield reductions immediately adjacent to windbreaks are more than compensated for by increased yields in the rest of the field, the area that falls within the 'protected zone' of the windbreak," Atchison said. "These yield increases were summarized on a world-wide basis as far back as 1986 at the First International Windbreak Conference and documented 12 percent yield increases for corn, 8 percent for spring wheat, 23 percent for winter wheat, and 15 percent for soybeans."

Some economists also suggest that field windbreaks will also pay for themselves within 10 to 15 years and provide additional income over their remaining life span of 50 years or more, even when you consider the land removed from production by the windbreak and the yield reductions that occur immediately adjacent to the trees, he said.

In an attempt to check the validity of this long-standing research and discourage the removal of shelterbelts and encourage planting new ones, a crop yields study associated with windbreaks is being considered throughout the Great Plains.

"For the Great Plains Crop Yield Study, we propose to obtain information from yield monitors that allow producers to assess the effects of weather, soil properties, management, and in our case, windbreaks on agricultural production," Atchison said. "The concept behind this study is to compare multiple years of data from fields with and without windbreaks over a large area and from many farmers. Because we are looking for relative crop yield changes and not absolute numbers, this approach will minimize the variables of rainfall, fertility, crop rotation, and farming methods."

The key is that the data already exists with farmers because many have crop yield monitors installed on their equipment. When combined with GPS, yield monitors can provide crop yield data for virtually every point in a field. The first step, the forester said, is to find conservation-minded landowners who understand the intent of the study and are willing to share their yield monitor data. Ideally, the data would be from both windbreak-protected and unprotected fields. The field(s) will be identified on aerial photography and when windbreaks are involved, their effectiveness will be determined.

Then the landowner can either upload the monitor data to a site for analysis or save it to a storage device for uploading later.

"The eventual outcome from the study will be an updating of our knowledge of the windbreak/crop yield interaction," Atchison said. The information will be shared among farmers and conservationists through technical reports, journals, agriculture-related publications and conferences.

"By the way the study has been designed, it will not be possible to report comparison yield results for a specific location," he said. "However, if the study can include several years of data, we may in time, be able to answer other questions, such as, do windbreaks have greater, lesser, or no effect during times of drought? Are they more effective with some crops and less with others?"

A database that spans several years and a wide region may potentially add value to agriculture production beyond the original purpose of the study, he added.

Farmers, scientists, and other stakeholders interested in participating in the study should contact Atchison at 785-532-3310 or atchison@ksu.edu.



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TAXES: \$130.44 Taxes for 2013 and all prior years will be paid by the Seller. 2014 Taxes will be the responsible of the Buyer

TERMS: 10% DOWN DAY OF SALE. Balance due when Merchantable Title and Warranty

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Guns will sell at noon with vehicles following.

ACCEPTING CONSIGNMENTS UNTIL WEDNESDAY, NOV. 27, 2013

Early Registration Friday 3:00 to 6:00

Sellers include: St. Francis Community Services * Eldorado National * Kansas National Guard * Rolling Hills Ranch * Advance Auto Parts; Land Pride *



GUNS, AMMO, RELOADING SUPPLIES: Glock mod.22 40 cal. pistol like new in box; Marlin mod.55 bolt action 12 ga. goose gun 36" barrel; Winchester mod.370 12 ga. shotgun; Marlin mod.336 30-30 lever action rifle; Winchester mod.190 22 rifle; Colt/Walther mod.1911 22 cal. pistol NIB; High Standard Steel King 22 cal. target pistol; Ruger mod.10/22 22 cal. S.A. stainless rifle w/Simmons 4x32 scope; Ruger mod.22/45 S.A. 22 cal. target pistol NIB; Universal M1-carbine 30 cal. w/extra clip; Taurus 357 mag snub nose revolver; Schmeisser mod.GSG-STG-44 22 LR sport rifle made in Germany NIB; Rossi 12 ga. stagecoach double barrel shotgun w/hammers; Remington mod.722 bolt action rifle 222 cal. Remington; Mossberg 12 ga. pump shotgun Ducks Unlimited comm.; Marlin Gold mod.39A lever action rifle 22 cal.; Winchester mod.54 270 cal. WCF rifle w/Lyman sights; Remington mod.788 bolt action rifle 222 cal. Remington; Remington mod.31 12 ga. pump shotgun; Winchester mod.12 12 ga. pump shotgun mod. choke; Winchester mod.90 pump rifle octagon bbl. 22 shorts; Remington mod.591M bolt action rifle 5mm rim; Ruger mod.M77 Mark II 204 cal. Ruger composite stock; Charles Daily bolt action rifle 25/06 w/scope; Remington mod.591M bolt action rifle 5mm rim; LC Smith s/s 12 ga. shotgun Damascus steel; pre 1964 Winchester 7mm bolt action rifle; Remington mod.25 pump 25-20 cal.; custom 244 Remington mauser action w/Bushnell scope; Fab. Nat. D'Armes DeGuerre Herstal-Belgique 7mm mauser carbine; Savage mod.99 lever action 250-300 w/Leopold scope; Winchester mod.88 lever action 284 Win; Winchester mod.70 pre 1964 bolt action rifle 30-06; Topper mod.88 20 ga. single shot shotgun w/3" mod. chamber; Stevens on Browning patent 12 ga. pump shotgun; Marlin mod.30AS lever action rifle 30/30 Win w/Bushnell scope; Remington mod.514 bolt action rifle 22 LR; Remington mod.1909 pump rifle octagon barrel 22 cal.; Remington mod.1909 pump rifle 22 cal.; Wolf Mag black powder 50 cal. In Line new; Knight 50 cal. black powder; Savage mod.24 22/410 over/under; Marlin mod.75-20 semi-auto limited edition gold trigger; Remington mod.550-1 22 cal. semi-auto; Remington mod.700 ADL 30-06 bolt action w/3x9 scope; Ruger mod.10/22 semi-auto 22 cal w/extra 30 rd clip; 8 mm Mauser action bolt-action rifle; Smith & Wesson mod.27-6 357 mag revolver; Winchester mod.1400 Ranger 20 ga. pump shotgun vented rib Win choke; Remington mod.788 bolt action rifle 243 cal. w/3x9 Simmons scope; Ruger mini 14 S/A 223 cal. collapsible stock & flash suppressor; Franchi 20 ga. S/A vented rib & engraved; table of asstd reloading supplies; several bricks of 22 ammo.

MOTORHOMES, CAMPERS: 1976 Airstream camper 26' mod.L-189 tandem axles good condition.

CLASSIC CARS, TRUCKS: 1948 Ford 2-door sedan w/241 Dodge Hemi; 1936 Ford 2-door slant back body parts, frame, extra doors, lots of parts; 1955 Packard Patrician sedan; 1964 Chevrolet BelAir low miles.

TRUCKS, TRAILERS: Chevrolet utility truck w/service body & Altec D800 hydraulic derrick w/auger, man basket, outriggers; GMC wrecker truck w/Holmes 600 winch; HD tandem axle flatbed trailer w/16' bed; (4) asstd pickup bed trailers; trailer frame.

BULLDOZER: Mitsubishi BD2G tracked bulldozer.

TRACTORS, IMPLEMENTS, FARM EQUIP: Case IH 930 Comfort King tractor & loader w/8' bucket; 2009 Mahindra 2815 HST tractor w/loader, 3 pt. & PTO 230 hours; 3-pt. Land Pride rotary mower mod.FDR1672; 3-pt. Land Pride rotary-tiller mod.RTR1050; (10) 250 gallon pallet tanks; Hedge fence posts — line & corner; (2) 250 gallon pallet tanks; (2) 12-38 tractor tires; 3-pt. Land Pride 8' blade mod.RB3696; Land Pride skid steer forks; Holland Aerway aerator; 3 pt. Land Pride chipper/shredder mod.WC1503; Land Pride skid steer bale fork; 3-pt. Land Pride disk mod.DH 2572; skid steer post hole digger w/14" & 12" augers; 66" skid steer bucket w/teeth; 3-pt 60" rotary mower; wheels; gear box; hydraulic cylinders; trailer mounted log splitter; Huskee 5 hp chipper/shredder; skid steer tree cutter shop built; 3-pt. John Deere log splitter; John Deere 7' rotary mower mod.709; 3-pt. Ferguson 2-bottom plow; 3-pt. 6' blade; horse drawn cultivator; 3-pt. disk; horse drawn plow; sickle mower; 3-pt. spring tooth; Bobcat skid steer post hole digger w/9" rock bit; McMillan HD post hole digger for skid steer w/24" bit; JD 48" skid steer pallet forks; NEW 72" skid steer Root grapple bucket.

(60) 8 ft. concrete feed bunks — 2 samples at auction lot, remainder sold will be loaded at Rolling Hills Ranch (2) Goodyear Terra-Tire 66x43.00-25NHS tractor tires on 10-bolt rims; (2) Goodyear Terra-Tire 48x31.00-20NHS tractor tires on 10-bolt rims; (2) 10-bolt clamp on hubs for 3-5/8 rear axle; (2) Goodyear Terra-Tire ribbed implement tires 48x25.00-20NHS on 8-bolt rims; (2) steel feeders; (8) gates.

CARS, PICKUPS, TIRES: 2004 Pontiac Grand Prix; 2003 Chrysler Concorde; 2003 Honda Civic 2-door; 2001 Honda Civic 4-door; 1999 Chrysler Concord LXI; 1996 Jeep Cherokee Sport; 1992 GMC Vandura 2500 service van; 1990 Ford F-150 XLT Lariat pickup; 1988 Chevrolet 30 service van; 1979 Chevrolet Scottsdale 10 4x4 pickup 3500 miles on new motor; 1995 Chevrolet Lumina van (doesn't run); 1989 Ford Econoline 250 van (doesn't run); (3) 12-16.5LT tires & rims; Century topper for short/wide bed pickup; asstd. used tires, many in sets, up to 19" & 20"; asstd step bars & grill guards.

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BOATS, BOATING EQUIPMENT: 1976 Starcraft 16' tri-hull ski boat w/135 hp Johnson outboard; 90 hp Mercury outboard; 50 hp Mercury outboard.

ATVS, GOLF CARTS: 2011 Polaris Ranger 800 XP side-by-side Sunset LE w/power steering 1400 miles; 2012 Polaris Razor S 800cc 4x4 LE 238 hrs 3000 miles w/roof, doors, front & rear brush guards, 2" lift kit; 2011 Polaris Ranger XP 4000 miles; 2008 Yamaha Grizzly 700 w/power steering, carbon fiber stealth edition 1327 miles; 2008 Polaris Ranger 700 XP 500 hrs 2992 miles; 2007 Land Pride Trekker 4420ST 4x4 20hp Honda, snowblade, electric dump bed, 457 hrs 2000 miles; Falcon 110 4-wheeler; Falcon 90 4-wheeler; 2004 49cc Retro scooter; (2) E-Z-Go golf carts w/chargers (bad batteries); E-Z-Go golf cart no batteries; Yamaha 4-wheeler frame, no engine.

INDUSTRIAL & CONSTRUCTION EQUIPMENT: (2) Raymond stock pickers 3000 lb cap. lift height 20'; Military surplus generator set Consolidated Diesel engine PU-361/FPS 60 KW 120/208v & 3-phase 4-wire; Lincoln pipe line welder trailer mounted no leads; Continental trailer mounted generator 120/240v propane; Sullair 4-cylinder gas air compressor trailer mounted; Atlas Copco Silensair trailer mounted air compressor (needs repair); South Bend industrial lathe 13" swing 8' bed; Quicksilver 1000 vehicle frame straightener; Vbrace concrete forms from Vbuck Brand Bracing Systems.

BUILDING SUPPLIES: (11) rolls commercial flooring; (26) boxes Pergo laminate flooring Empire oak; carpet runners; rolled plastic; NEW stainless steel corner sink; Dakota sandstone from Colorado landscaping boulders; rough cut oak boards; walnut slab cuts; (2) 10 foot 8"x 8" Douglas Fir posts.

TOOLS: Shophsmith multi-function work center w/lathe, jointer/planer, band saw, table saw, tool sharpeners, lathe chisels, tables, rests, etc.; Baldor 208-230/460v 3 phase grinder on stand; Lincoln AC-225 arc welder; Craftsman 10" radial arm saw; Value Craft 14" 16-speed floor drill press; 40' aluminum extension ladder; 20' aluminum extension ladder; (7) 8' fiberglass stepladders; 24' fiberglass extension ladder; Senco air stapler; Bostitch T4052 air stapler; Work Horse 1/2" air impact wrench; NAPA 1/2" air impact wrench; Chicago Pneumatic 1/2" air impact wrench; air hammer w/2 bits; Sioux air ratchet; parts washer; Tom-lee band saw; Craftsman 10" compound miter saw; Craftsman 8-1/4" compound miter saw w/stand; tool boxes; Dremel Moto-shop scroll saw; map/drawings cabinet; Duracraft 15" drill press on stand; Boice Crane band saw; 10" Craftsman bench top table saw; Clark mechanics cart; Craftsman electronic table saw; M-T-M power washer w/Honda 390 engine; Craftsman 10" table saw on stand; Craftsman 16" direct drive scroll saw on stand; Craftsman 12" band saw on stand; 8' orchard ladder; Bostitch pancake air compressor; DeWalt 18v impact driver; DeWalt 18 ga. brad nailer; Hitachi 18v drill kit; Bostitch cordless roofing nailer; 16 air hoses; 2 Makita drills; Troy-Bilt pressure washer 4.5 hp 2200 psi.

RESTAURANT EQUIPMENT, JANITORIAL: Eagle 240v steam table w/sneeze guard; Merco hot food cabinet; Triple S floor scrubber/polisher; floor buffer; janitorial carts; (2) 5' round banquet tables; stem racks; reach in bottle cooler; stainless bar sink; 2-basket Frialator; steam table; 3-hole stainless sink; asstd counters & tables; vintage lighting; 6-burner Wolf Regency range; hand sinks; stainless shelves; pot hanger racks.

HOUSEHOLD APPLIANCES, GAS GRILLS, COOKERS: Kenmore gas range; GE Super Capacity washer & matching dryer very good condition; Frigidaire 17-cycle commercial duty washer; GE kitchen range; Hot Point kitchen range; Perfect Flame gas grill w/side burner; Hot-point range w/self-cleaning oven; turkey fryer; turkey fryer.

ELECTRONICS: Tube-type TVs from Sony, Sylvania, RCA, Panasonic, Magnavox (some w/built-in VCRs); VCRs; overhead projectors.

EXERCISE & SPORTS EQUIPMENT: Climbing helmets; cross country ski boots; snow shoes.

HEALTH CARE & INVALID EQUIPMENT: We have the contents of a physical therapy office including whirlpool tubs (different sizes, 1 still in packaging); Total Gym; (2) Nordic Track Pro ski machines; exerciser; UBE Aerobic Ergometer; Life Cycle exercise bike; (2) Monark Ergonomic 839E exercise bikes; (2) Versa Climbers; Rittler multi-purpose table.

TOYS, COLLECTIBLES: 1940s child's electric stove; Barbie & porcelain dolls; HO train equipment; watches collection w/Seiko, Pulsar, Elgin, silver & turquoise bands.

FURNITURE & MISC.: Multi-colored chaise lounges & matching patio chairs; (10) bunk bed frames; stacking chairs; office chairs; furniture style cage; asstd school desks & stands; office chairs; audio/visual carts; beauty salon equipment; overstuffed sofa; massive king size bed frame & dresser; antique treadle sewing machine & stand; swinging cradle; wainscoted wardrobe; cherry dining set w/leaf & 6 chairs; table lamps; Baldwin spinet piano w/bench; Lodi wood burning stove; ornate bed painted black.

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Any announcement made the day of sale takes precedence over any printed matter.

Tips to minimize storage loss in large round bales

With the high price of hay in recent years, producers should do everything they can to protect their investment. One thing producers should look at in particular is their method of storing large round bales, said Doo-Hong Min, K-State Research and Extension crops and soils specialist.

Large round bales are more susceptible to storage losses than small rectangular bales when stored outdoors, he said.

“Much of the dry matter loss with outdoor storage is associated with microbial respiration under optimal moisture, temperature, and nutrient condition for microbes,” said Min, who is a Kansas State University agronomist based at the K-State Southwest Extension office in Garden City.

The following are ways producers can minimize loss when large round bales are stored outside:

- * Maintain good bale density. One of the most important ways to reduce round bale loss is to tighten the outer layer of bale. If the bale is not tight enough, microbes are going to use oxygen to break down the bale using moisture and nutrients. If you can depress the surface more than a half inch, the round bale could experience significant loss when placed outside and unprotected. It's recommended to have a minimum density of ten pounds of hay per cubic foot.
- * Use covers on the bales. Round bales stored outside and covered with either plastic or canvas generally experience much less deterioration than unprotected bales. Weathering can reduce forage quality of round bale hay, particularly digestibility. Plastic wrap, net wrap, reusable tarps, or plastic twine can be used to prevent the loss from weathering. Plastic wrap or net wrap will result in less loss than twine.
- * Select a good storage site. Selecting a good storage site is another important consideration in reducing bale loss with little cost involvement. First of all, the storage site should not be shaded and should have good air circulation, which will enhance drying conditions. The storage site also should be well-drained to reduce moisture absorption into the bottom side of the round bales. A well-drained, four to six inch coarse rock base would help minimize bottom spoilage of a large round bale.
- * Elevate the bales to reduce storage loss rather than placing them on the ground. Ground contact can account for more than half of the total dry matter loss. Elevate the bales from the ground using racks, fence posts, discarded pallets, railroad ties, used tires, or a layer of crushed rock about four to six inches deep to have good drainage.
- * Orient rows of bales to promote good drying. It's recommended to stack large round bales in rows end-to-end, give three feet between rows, and orient the rows in a north-south direction. This will allow the area to dry faster after a rain by having good sunlight and air flow. Vegetation between rows should be mowed to allow good air flow.

Storage loss in large round bales coincides with precipitation amount, Min added.

“Storage loss in eastern Kansas is much greater than in western Kansas. Bales can be stored outside in western Kansas for a couple of years before much significant loss will occur, but storage loss can be significant in eastern Kansas after just one year of outside storage,” Min said.

Rarely would indoor storage pay for itself in western Kansas, but storing high quality/high value forage in eastern Kansas might justify the expense of storing hay under cover, the K-State agronomist added.

Jensen crowned National Hereford Queen

Brooke Jensen, Courtland, was crowned the 2013-14 National Hereford Queen during the 2013 American Royal National Hereford Show in Kansas City Nov. 3.

Born into the Hereford breed, Brooke has her work cut out for her as she begins her year-long journey as an agriculture advocate, the face of the Hereford breed and a role model for countless young Hereford women.

“As a young girl, I always looked up to the National Hereford Queen. They were an inspiration of the kind of person I should grow up to be: a poised leader, intelligent and kind,” Brooke says. “I want to be a role model and make an impact on the youth like the past queens did for me.”

As longtime members of the Hereford industry themselves, Kevin and Sheila Jensen have raised their daughter and two sons, Brady and Ben, since birth in an environment full of a passion for Hereford cattle.

Brooke competed against six other young women from across the U.S. for the title. The National Hereford Queen program is managed by the National Hereford Women. Queen candidates are evaluated on their involvement with and knowledge of the Hereford breed, behavior, attitude, appearance and interaction with producers, as well as their résumés and interviews. Judges look for a responsible, well-rounded young lady who is willing to spend an entire year traveling all over the country to represent the Hereford breed to her best ability.

First runner-up honors went to Amy Green, Munfordville, Ky.; Katie Burns, Coulterville, Ill., was named second runner-up and Miss Congeniality.

Brooke began showing



Hereford royalty honored during the 2013 American Royal (l to r) are: Whitney Andras, Checotah, Okla., 2012-13 National Hereford Queen; Brooke Jensen, Courtland, Kan., 2013-14 National Hereford Queen; Amy Green Munfordville, Ky., first runner-up; and Katie Burns, Coulterville, Ill., second runner-up and Miss Congeniality.

cattle at a young age and exhibited her first animal at the Junior National Hereford Expo (JNHE) in Indianapolis, Ind., in 2003, when she was seven years old. Since then, Brooke has accomplished numerous achievements both in the ring and through other National Junior Hereford Association (NJHA) activities such as the Hereford Bowl and contests including extemporaneous speaking, team fitting, team marketing and photography.

With her poise and determination, she is a fierce competitor in the national showmanship contest each year. Through the years, she has been named champion peewee, reserve junior and reserve intermediate showman.

In the Kansas Junior Hereford Association (KJHA) she has served as a director for two years and as the 2013 Kansas Hereford Queen.

“Herefords are a huge

part of my life,” Brooke says. “It’s an incredible experience being actively involved in an industry with the most amazing, hard-working people in the world.”

As queen, Brooke has a busy year ahead of her as she travels the nation representing her breed. “Becoming queen is my way to contribute back to the breed for all the amazing opportunities and life lessons the American Hereford Association, National Junior Hereford Association and Kansas Junior Hereford Association have taught me,” Brooke says.

After graduating from high school in May 2014, Brooke plans to attend

Kansas State University to pursue a dual major in agricultural business and food science. Ultimately, Brooke would like to be employed in a field related to food science where she hopes to promote the beef industry. Even in the future, Brooke plans to stay true to her Hereford roots by continuing to build her herd of purebred Hereford cattle and remaining active in the showing.

“The Hereford industry is huge right now, and I am so happy to be a part of it,” Brooke says. “‘Once-in-a-lifetime opportunity’ is the only way to describe what this means to me. I’m honored to represent the breed that built me.”

AUCTION

MONDAY, DECEMBER 16 — 10:00 AM
AUCTION LOCATION: From the junction of I-70 and Hwy 283 Wakeeney, KS South 6 miles.

FOR: BRYAN BRUNSWIG (D.V.M.) AND TRISH BRUNSWIG
Skid Steer & Tractors: '06 NH 185LT Skid steer, with track, diesel, cab, 430 hrs. attachments to be sold separate; 7' bucket; hyd. post hole digger; pallet forks; bale spear; '93 Ford 9030 Bi-directional w/ grapple fork, pallet forks, hyd. and pto on both ends. **Trucks & Trailers:** '02 Dodge 2500 diesel w/ 3100 bale bed, 5 speed, 4x4; '92 Ford F-250 w/ flatbed and T & S trip feed box, 4x4, auto trans; '03 Brute flatbed GN trailer 30' w/ 5' beaver tail; '96 Four Star aluminum GN livestock trailer 6'6"x24'; '79 Cambell Coach GN livestock trailer 7'x24'; '78 GN livestock trailer 6'x20'. **Livestock Equipment:** Flying W hyd. working chute w/ scales; W-W palpation gate, 3 sections of adjustable alleyway 7', and a portable working area with four pens; Blaire feed wagon 8'x14' with scales; 17 feeders assorted sizes; Wilson wheel coral; 60-8' concrete fence line bunks with legs; 12-8' concrete fence line banks flat bottom; 30-5 bar self standing panels; 60-12' galvanized panels (6 bar); 40-14' to 18' gates; 45-12' panels (new)

For a complete brochure, contact:
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 Web: www.farmlandauction.com

REAL ESTATE AUCTION

MONDAY EVENING, DEC. 16 — 6:30 PM
AUCTION LOCATION: American Legion Hall, 316 2nd Street DOWNTOWN OLSBURG, KANSAS

160 ACRES m/1 OF WESTERN POTTAWATOMIE CO., KS PASTURELAND

PROPERTY LOCATION: From Olsburg, KS go 3 miles East on Hwy. 16 to Galilee Rd., then 2 ½ miles South to Bigelow Rd., then ½ mile West in the Northwest corner OR from the Jcts. of Hwy. 13 and Hwy. 24 North of Manhattan, go 12 miles North and East on Hwy. 13 to Bigelow Rd., then 2 ½ miles West. This property is located in the Northwest corner of a right angle curve in the road.

LEGAL DESCRIPTION: The Southwest Quarter of Section 31, Township 7 South, Range 8 East, Pottawatomie County, KS. This property consists of 160 acres, M/L, of Native grass pastureland with some wooded wildlife habitat areas along the South, West and North boundaries. This pasture has good grazing and hunting potential.

For more information or viewing, please call John E. Cline, 785-889-4775

TERMS & POSSESSION: The sellers require 10% down day of sale with the balance to be due Jan. 23, 2014. Possession to be upon closing. Buyers and Sellers to equally split the title insurance and closing costs of the Pottawatomie County Abstract Co. The sellers to pay 2013 taxes in full. Statements made sale day take precedence over printed material. Cline Realty & Auction, LLC represents the sellers' interests.

SELLER: CARL PACHE ESTATE
 Mitchell Feltis, Executor

AUCTION CONDUCTED BY: CLINE REALTY & AUCTION, LLC
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UPCOMING AUCTIONS

WAREHOUSE & OFFICE EQUIPMENT AUCTION
 School Specialty Supply
 3525 S. 9th Street, Salina, KS
Wednesday, December 11 — 10:00 AM

After many years in Salina this distribution center has closed. Many items are being shipped to other locations but we expect to sell office equipment, break tables & chairs, file cabinets, break room equipment, etc. There should be lots of steel shelving, some equipment like powered pallet jacks, stock pickers, fork lifts. We have lots of steel shelves, flow rack, waiting to get word on how much pallet rack and conveyor will be left. **Watch for additional information as it comes. Check web page for information and pictures when available.**

GUN AUCTION
SUNDAY, DECEMBER 15, 2013 — 1:00 PM
 601 S. Broadway, Salina, KS

Look to have 70 guns from the Levi Neill estate. No FFL processing, no sales tax, no buyers fees. Check web page for sale bill and pictures!

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

Any announcement made the day of sale takes precedence over any printed matter

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REAL ESTATE AUCTION

TUESDAY, DECEMBER 3 — 6:00 PM
Randolph Senior Center — RANDOLPH, KS
200 +/- ACRES RILEY COUNTY KANSAS

SE ¼ & SE ¼ SW ¼, 32-7S-6E Riley County Kansas
 Well balanced farm with approximately 107 Acres of tillable land, 80 Acres pasture with balance in meadow, timber & roadway. Ponds, new Windmill and old stone home sights are located on the property

See last week's Grass & Grain for complete details or see website below.

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Tuesday, December 17, at 10:00 AM
at the Clay Center United Methodist Church in Clay Center, Kansas

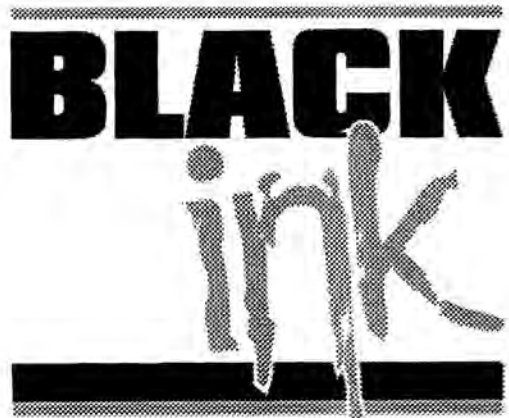
- Located one mile from Kansas Highway 15
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- Good upland game hunting with pond

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Decisions, decisions . . .

By Miranda Reiman

I can give you advice. Your friends can show you what's working on their ranch. You can read articles and learn from your local team of experts — Extension specialists, veterinarians, nutritionists, and so on. But when it comes down to it, you're the one who needs to make the decisions. You have to determine what's right for your cow herd.

Some decisions need to be "split-second." When you have to figure out which way to dart to keep that feisty cow from breaking out of the group; when you've got to say "yea" or "nay" on a set of replacements going for a little more than you expected at the auction; when an extra minute means life or death because you did or didn't call the vet during a calving predicament — it's then that you have to make your mind up fast.

Other times you have the luxury, and burden, of a lit-

tle more thoughtful introspection. When you're picking a breeding philosophy and genetics for your herd, that's a time that deserves more consideration than the honed instincts that contained a bolting bovine.

Yet, the decision still lies with you.

Not everything is black and white. In fact, most important decisions involve gray risk, because there are nearly always several elements to consider. Profit potential has to be a motivator.

Everyone gives you advice on how to raise your cattle, what breed or breeds you should pick, and how you should implement that breeding strategy. But if you just look at what will net you the most dollars with the fewest "headaches," it could be a pretty clear choice.

I ask a lot of ranchers across the country about their breeding programs. Many have established it through decades of trial and

error. Some of them even say it's taken several generations of ranchers to come to a system that they're still improving on today. Quite often I hear, "Well, grandpa started out..." and then they describe all of the decisions that have led them to where they're at on that day.

Some of them talk about a neighbor who paved the way with something revolutionary for the time, or they credit a specific seedstock supplier for helping them develop their program. Others came back from college with a new idea to try to implement and still others admit they were about the last in their country to make a switch to what works today.

Whatever their route as they introduced different genetics, and focused on a new set of traits or a different breed, the road still goes back to that same point of origin: they had to make the decision. Almost always, it came back to dollars.

There's a quote I've heard many times as producers tell their stories. Maybe it's become a cliché now, but it takes a core of solid truth for any words to reach that level of familiarity: "It doesn't cost any more to raise a good one than it does a bad one."

Of course the route to raising those good ones depends on the controls in your hands. Happy deciding.

Next time in Black Ink® Steve Suther will look at 2018, the year. Questions? E-mail mreiman@certifiedangusbeef.com.

Beef Genetic Prediction Workshop to be held in Kansas City, Dec. 12-13

As animal scientists and farmers learn more about beef cattle genetics, this knowledge will be used to make predictions and select breeding stock.

A Genetic Prediction Workshop will be held in Kansas City, Dec. 12-13, to share the latest information and experiences.

"We're at a stage where beef breeders, especially seed-stock producers, can learn and add to the discussion," says Jared Decker, University of Missouri Extension geneticist, Columbia. The conference brings together academic, beef industry, breed association

and cattle producer leaders.

"Ways to use genomics in cattle selection will be a major focus," Decker said. The conference is hosted by the Beef Improvement Federation, a national group.

The speakers will share their progress. An aim will be to work on ways to use the genome to enhance EPDs (expected progeny differences). Commercial cattle producers can use those EPDs to select breeding stock.

The meeting will include plans for making across-breed EPDs. Research on that project is under way at the U.S. Meat Animal Re-

search Center, Clay Center, Neb. A USDA working group, NCERA, is pursuing that development.

The conference will be at the Holiday Inn KCI, 11728 NW Ambassador Drive, Kansas City, Mo. The registration fee covers meals during the conference.

Program and registration details are available at <http://www.ksbeef.org> under "Upcoming Beef Events." Pre-registration closes Dec. 1. Motel accommodations are at a special rate.

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SATURDAY, NOVEMBER 30 — 10:00 AM

Leavenworth County Fairgrounds — TONGANOXIE, KANSAS

Taking Consignments

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Items can be dropped off Mon. Nov. 25th thru Nov. 29th 8:30 a.m. until dark
We will be taking consignments on Thanksgiving Day

Send the ladies shopping & come spend Thanksgiving Weekend with us.

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CATTLE SALE EVERY WEDNESDAY: 11:30 AM
SELL HOGS 1ST & 3RD
WEDNESDAY OF EVERY MONTH
NOVEMBER 20, 2013

Steer & heifer calves sold steady to \$2 higher depending on quality and flesh condition. Feeder steers and heifers sold steady to \$2 lower depending on quality & condition.

COWS			
Cottonwood Falls, red	1300@116.00	Hope, blk	1460@80.00
Marion, red	1690@86.50	Herington, bwf	1330@80.00
Tampa, blk	1355@85.50	Lincolnvill, bmf	1105@79.50
Marion, red	1595@85.50	Ramona, blk	1175@79.50
Hope, red	1775@85.50	Lincolnvill, blk	1670@79.50
Burdick, blk	1265@85.00	STEERS	
Lincolnvill, blk	1400@85.00	Burdick, 12 mix	480@186.00
Lincolnvill, blk	1480@85.00	Herington, 5 mix	556@185.00
Wilsey, blk	1225@85.00	Council Grove, 5 mix	518@184.50
Tampa, blk	1430@84.50	Herington, 5 blk	552@184.25
Ramona, red	1570@84.50	Cedar Point, 16 blk	593@177.00
Marion, red	1495@84.50	Peabody, 6 blk	559@177.00
Marion, red	1610@83.50	Ramona, 2 blk	570@176.00
Hope, bmf	1640@83.50	Lost Springs, 2 blk	568@173.00
Burdick, blk	1105@83.00	Hope, 3 blk	613@172.00
White City, yellow	1720@83.00	Florence, 6 blk	618@171.50
Lincolnvill, blk	1490@83.00	Hope, 2 red	500@170.00
Hope, blk	1765@83.00	Herington, 5 blk	621@168.50
Tampa, blk	1305@82.50	Lincolnvill, 6 red	605@167.50
Herington, blk	1540@81.50	Ramona, 4 blk	623@167.50
Lincolnvill, bmf	1405@81.50	Burdick, 61 mix	644@164.00
Lincolnvill, bwf	1320@81.50	Burdick, 62 blk	855@161.25
Ramona, red	1480@81.50	Lincolnvill, 60 mix	838@161.10
Herington, bmf	1540@81.00	Burdick, 62 mix	858@160.00
Lincolnvill, char	1670@80.50	Hope, 62 mix	864@159.50
Herington, bwf	1185@80.50	Alta Vista, 9 mix	782@158.50
Hope, blk	1910@80.50	Marion, 114 mix	826@157.25
Durham, red	1500@80.00	Alta Vista, 3 blk	847@156.50
		Marion, 46 mix	937@153.25

No Sale Wednesday, November 27th due to Thanksgiving Holiday.

We would like to wish everyone a Happy and Safe Thanksgiving!

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

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

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ABSOLUTE COMPLETE INVENTORY LIQUIDATION AUCTION

THURSDAY, DECEMBER 12 — 9:30 AM
Sale Site West Bend International, 101 130th St. WEST BEND, IOWA

Notice As West Bend International has sold their 3 locations to Red Power Team, and they will liquidate their entire used inventory.

LOCATIONS: West Bend International 515-887-7781, Estherville Implement 712-362-3596, Spencer International 712-262-2933

TRACTORS 18 mo. Interest free for 18 mo.: Case IH - 600 QT-2012-705 hrs.- 550 Steiger-2011-500hrs., 290 Magnum-MFWD-2012-200hrs., 290 Magnum 2011-MFWD - approx. 500 hrs., 260 Magnum-MFWD-2011-approx. 500 hrs., 255 Magnum-MFWD - 2004 4360 hrs.- MX 240-MFWD-2001-4530 hrs., Farmall 95- MFWD-Puma 195-2008-440hrs., 9170-1990-4375hrs., 7140-MFWD-1989 - 9758 hrs., 1486, J D 9620T - 2005-3334 hrs., 8400T-1998-6128hrs., N H 8360-MFWD - 1997-3493 hrs, AC 7040.

COMBINES 2 yrs. Interest free- most all combines have field tracker-rock trap- chopper-yield monitors & display: 6130-2013-185 sep.- 42" w/duals, 6130 - 2012-340 sep-800/65R32, 8230 - 2012 -470 sep.-42" w/duals, 7230-2012-187 sep.-7230-2012-326 sep.-42" w/duals, 7120-2011-309 sep.-42" w/duals, 8120-2011-722 sep.-RWD w/factory tracks, 8010 - 2008 - 1004 sep.-42" w/duals, 2888-2004-1250sep.-38" w/duals, 2388-2003-2191sep.-30.5x32, 2388-2001-2995sep.-42" w/duals, 2366-1998-3495hrs., 2166-1997-3208 sep.-24.5x32, 2166-1996-2177 sep. - 30.5x32, JD 9660STS-2007-1040sep.-20.8x38 w/38duals, NH-CR970-1840sep.

CORN HEADS: Case I H-3408-2010, 3408-2009, 3408-2008, 2608-2010, 2612-2009, 2208-2004, 2208-2003, 2206-2008, 1083-1998, 983, 2) Drago 8 row 30"-2005, Agco-Gleaner 3000-8 row 30"- ,Equipment- Case IH 730C w/hyd. Leveler, DMI 730B w/hyd. Leveler, DMI 730, 2) J D 2700-7x30", Sunflower 4412-7x30", 4412-7x24", M&W 2200F-9x24", NH ST 770-7x30", Wilrich 3400-32' field Cult.,2500-24' field cult.

PLANTERS: Case IH- 1250-16 row 30"-2013-has done 1500acres, 1250-24 row 30", bulk fill-2011, 1250-24 row 30", 1250-16 row 30" bulk fill, 2) 955-12 row 30"- V F, SDX 40-40' air drill, J D- 1770 XP-12

row 30", 1770-NT-16 row30", White-8516-16 row 30" bulk fill, 8200-12 row 30", 8180-16 row 30", Kinze 3140-16 row 30".
GRAIN HANDLING: Grain Carts- Parker-1048 w/scale-tarp & 900/60x32, 839 w/camera - 30.5x32, Kinze - 1050 w/1250/45x32, 640 w/24.5x32, Brent 1594-w camera-scale-tarp & 35.5x32, Killbros 1820 w/24.5x32, J&M 750 w/ 24.5x32, Gravity Boxes-Brent 644-w/ light-brakes-tarp & 445R22.5 rubber-red, Parker 7250 w/brakes-lights & 445R22.5, Killbros 500-w/425R22.5, 2) Killbros 300 on gears, Westfield 10"x71" auger w/swing hopper-2012, Feterl 10"x34' auger.

MISCELLANEOUS EQUIP.: Skid Loaders- Case- SV 300-2012-612hrs., 440 S-3-2010, Mustang MTL 20-2007-2187hrs., JD260-2004-838hrs., 250-2004-1072hrs., plus sprayers, snow blowers, utility vehicles and lawn and garden equipment.

For a complete listing-w/ descriptions and more photos go to www.gehlingauction.com or call West Bend International 515-887-7781 or Gehling Auction Co. 1-800-770-0347.

TERMS: CNH Capital financing and programs available to qualified buyers on qualified items to pre-qualify stop in at or call any of their locations. Tractors Interest free for 18 months- Combines interest free for 24 months, all other items cash or good check day of sale.

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Farmers & Ranchers

AUCTIONS EVERY MONDAY & THURSDAY

Selling Hogs & Cattle every Monday

UPCOMING SALES CALENDAR:

Preconditioned Calf Sales:

- Tuesday, December 3, 2013
- Tuesday, January 7, 2014
- Tuesday, February 4, 2014

Sale starts at 12 Noon

Upcoming Cow Sales:

- Tuesday, December 10th - 12 Noon
- Tuesday, December 17th - 12 Noon

NO SALE THURSDAY, NOVEMBER 28TH.
WE WANT TO WISH EVERYONE A HAPPY THANKSGIVING!

Receipts for the week totaled 5,438 cattle and 21 hogs.

STEERS			
300-400	\$200.00-\$208.00	10 red	Humphrey, NE \$2,000.00
400-500	\$200.00-\$211.00	6 blk	Salina \$2,000.00
500-600	\$189.00-\$199.00	15 blk	Ellsworth \$1,975.00
600-700	\$172.00-\$181.50		COW PAIRS:
700-800	\$160.00-\$168.75	8 blk	Ellsworth \$2,975.00
800-900	\$154.00-\$163.00	9 blk	Salina \$2,775.00
900-1000	\$150.00-\$161.25	8 blk	Turon \$2,750.00
		7 blk	Salina \$2,750.00
		4 blk	Hedville \$2,700.00
		5 blk	Wilsey \$2,700.00
		7 blk	Salina \$2,700.00
		1 red	Wilsey \$2,600.00
		11 blk	Salina \$2,575.00
		5 blk	Halstead \$2,475.00
		14 blk	Morganville \$2,460.00
		13 blk	Morganville \$2,425.00
		2 blk	Wilsey \$2,400.00
		1 rwf	Hedville \$2,375.00
TUESDAY, NOVEMBER 19TH			
COW SALE:			
BRED HEIFERS:			
41 blk	Hutchinson \$2,410.00		
10 blk	Claflin \$2,375.00		
22 red	Claflin \$2,300.00		
37 blk	Claflin \$2,300.00		
15 blk	Jetmore \$2,300.00		
15 blk	Hoisington \$2,285.00		
42 blk	Sterling \$2,285.00		
51 blk	Claflin \$2,275.00		
15 red	Garden City \$2,275.00		
12 red	Wakeeney \$2,260.00		
21 blk	Claflin \$2,250.00		
HEIFER PAIRS:			
6 blk	Barnard \$2,800.00		
14 blk	Randall \$2,625.00		
18 blk	Randall \$2,550.00		
SPRING BRED COWS:			
9 blk	Wilsey \$2,200.00		
5 red	Wilsey \$2,175.00		
12 blk	Wilsey \$2,150.00		
19 blk	Hedville \$2,125.00		
13 blk	New Cambria \$2,100.00		
4 red	Hedville \$2,075.00		
3 blk	Hedville \$2,050.00		
10 red	Humphrey, NE \$2,050.00		
4 bwf	Hedville \$2,010.00		
8 blk	Courtland \$2,000.00		
THURSDAY, NOVEMBER 21			
REGULAR SALE:			
STEERS			
7 blk	Hutchinson 402@211.00		
4 mix	Hillsboro 371@208.00		
8 blk	Bushton 458@208.00		
2 blk	McPherson 408@207.00		
5 blk	Courtland 420@200.00		
5 mix	Courtland 496@199.00		
5 blk	Woodbine 504@199.00		
10 blk	Tescott 508@199.00		
5 blk	Hunter 489@198.00		
6 blk	Lincoln 528@198.00		
5 blk	McPherson 460@197.00		
7 mix	Bushton 519@197.00		
5 blk	Hutchinson 530@196.00		
3 blk	Solomon 510@196.00		
2 blk	Lyons 505@196.00		
5 blk	McPherson 533@191.00		
15 blk	Bushton 588@185.00		
14 blk	Lincoln 580@182.50		
12 blk	Ellsworth 613@181.50		
25 blk	Tescott 617@179.00		
20 mix	Bavaria 616@178.00		
2 blk	McPherson 625@177.00		
9 blk	Tescott 603@176.50		
10 blk	Solomon 601@176.00		

Livestock Commission Co., Inc.

Salina, KANSAS

SALE BARN PHONE: 785-825-0211

MONDAY — HOGS & CATTLE

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

THURSDAY — CATTLE ONLY

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

— AUCTIONEERS —
KYLE ELWOOD, GARREN WALROD & RUSTY TAYLOR

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

7 blk	Hutchinson	646@174.00	53 mix	Clay Center	773@151.00
26 blk	Assaria	647@172.50	49 mix	Tampa	812@150.00
14 mix	Sterling	643@172.50	10 blk	Manchester	799@150.00
16 blk	Bushton	666@170.00	9 blk	Assaria	753@150.00
35 blk	Assaria	764@168.75	44 mix	Barnard	805@148.85
29 blk	Dorrance	659@168.50	54 blk	Wilsey	952@147.00
10 blk	Sterling	764@168.00	1 mix	Tampa	869@146.00
9 blk	Assaria	734@167.50	15 blk	Manchester	905@145.00
53 blk	Tescott	706@167.00		CALVES	
15 blk	Phillipsburg	728@166.00	1 bwf	Wilson	300@650.00
12 mix	Sterling	829@163.00	1 blk	Hesston	275@625.00
22 blk	Lyons	903@161.25	1 red	Hedville	295@610.00
14 blk	Lyons	984@152.00	1 red	Hesston	235@560.00
25 hols	Brookville	594@114.00	1 blk	Kanopolis	295@510.00
	HEIFERS		1 blk	Abilene	300@500.00
9 mix	Courtland	480@179.00	1 bwf	Randolph	285@485.00
6 blk	Hutchinson	412@174.00	1 bwf	Salina	230@475.00
3 blk	Concordia	378@173.00	1 red	Smolan	185@460.00
3 mix	McPherson	388@171.00	1 blk	Inman	150@460.00
13 blk	Hutchinson	495@171.00	1 blk	Beloit	160@435.00
9 blk	Woodbine	522@166.00	1 blk	McPherson	115@400.00
14 blk	Bushton	476@166.00	1 char	Delphos	80@360.00
4 blk	McPherson	543@164.00	1 hols	Abilene	88@70.00
15 blk	Concordia	554@164.00	1 hols	Abilene	60@55.00
21 blk	Assaria	608@159.50		COWS	
5 blk	Lyons	587@159.00	1 blk	Salina	1305@87.00
27 blk	Bushton	573@159.00	1 blk	Salina	1815@83.00
34 blk	Tescott	618@158.00	1 blk	Ellsworth	1205@83.00
6 blk	McPherson	583@158.00	1 red	Hillsboro	1695@82.50
7 blk	Randolph	765@158.00	3 mix	Hillsboro	1640@82.50
17 mix	Lindsborg	707@156.50	1 bwf	Longford	1300@81.50
22 blk	Solomon	659@156.50	1 blk	Assaria	1455@81.50
4 blk	Salina	645@156.00	2 mix	Salina	1503@81.00
4 blk	Brookville	599@156.00	1 blk	Inman	1335@81.00
9 blk	Lyons	592@155.00	3 mix	Hesston	1422@81.00
13 blk	Dorrance	705@155.00		BULLS	
14 blk	Solomon	735@154.50	1 bwf	Hutchinson	2345@100.00
35 mix	Assaria	697@154.50	1 bwf	Hutchinson	1900@99.00
4 blk	Peabody	704@154.00	1 red	Lorraine	1735@96.00
48 mix	Gypsum	727@153.00	1 bwf	Hope	2090@95.00
19 mix	Barnard	737@153.00	1 blk	Inman	1945@93.00
14 mix	Clay Center	711@152.00	1 blk	Salina	1870@92.00
58 mix	Lindsborg	761@152.00	1 blk	Hope	2040@92.00

IN STOCK TODAY:

- 6'8"x20 GR Gooseneck Stock Trailer
- 6'8"x24 Gooseneck Stock Trailer
- Tripp Hopper Feeders
- Heavy Duty Round Bale Feeders

EARLY CONSIGNMENTS FOR THURSDAY, DECEMBER 5TH:

63 blk strs & hfrs, 500-750 lbs., 2 rnd vacc.
PLUS MANY MORE BY SALE TIME!

EARLY CONSIGNMENTS FOR TUESDAY, DECEMBER 3RD

PRECONDITIONED CALF SALE:

30 strs & hfrs, 550-600 lbs.; 50 blk strs & hfrs, 650-750 lbs., homeraised; 15 blk hfrs, 600 lbs.; 18 blk/bwf strs, 700 lbs.; 100 strs & hfrs, mostly blk, 650-750 lbs.; 70 blk strs & hfrs, 550-650 lbs.; 25 strs & hfrs, 550-650 lbs.; 110 strs & hfrs, 450-600 lbs.; 53 blk strs & hfrs, 650-750 lbs.; 125 blk strs & hfrs, 500-600 lbs.; 175 strs & hfrs, 700-850 lbs.; 100 strs & hfrs, 700-850 lbs.; 60 blk strs, 600-650 lbs.; 160 blk strs & hfrs, 500-700 lbs.; 12 strs & hfrs, 500-600 lbs.; 43 strs, 725-800 lbs.; 60 blk/bwf strs & hfrs, 600 lbs.; 90 blk/bwf strs & hfrs, 500-600 lbs.; 18 strs & hfrs, 650-750 lbs.; 66 strs & hfrs, 650-750 lbs.; 40 strs & hfrs, 700-900 lbs., weaned/vacc.
PLUS MANY MORE BY SALE TIME!

For Information or estimates, contact:

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

Jim Crowther
785-254-7385
Roxbury, KS

Lisa Long
785-531-0606
Ellsworth, KS

Cody Schafer
620-381-1050

Kenny Briscoe
785-658-7386
Lincoln, KS

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

Cattle Sale Broadcast Live on www.cattleusa.com 1150 KSAL, Salina 6:45 AM —MON-FRI *** 880 KRVN 8:40 AM — WED.-THURS. *****550AM KFRM - 8:00 am, Wed.-Thurs.**

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

CLASSIFIEDS

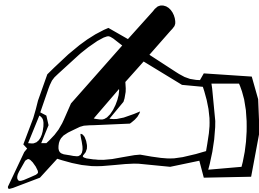
CLASSIFIED AD DEADLINE IS 10:00 A.M. FRIDAY

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

Name: _____ Phone #: _____

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

WRITE YOUR AD HERE



RATES AND DISCOUNTS

FIGURE YOUR COST HERE:

RATE: 60¢ a word.

Number of words: _____ @ 60¢ each

Cost for one week: _____

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

Run ad _____ consecutive weeks.

Category: _____

Cost for _____ weeks: _____

DISCOUNTS: (with cash or credit card orders only)
deduct 10% if ad runs 2 or 3 weeks;
deduct 25% if ad runs 4 weeks.

Less discounts: _____

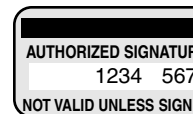
TOTAL: \$ _____

PAY WITH (PLEASE CIRCLE ONE):

CHECK MASTERCARD VISA DISCOVER

Card No. _____ Exp. Date _____

V-Code _____ (required) last 3 digits (see sample: 567) located on the back of your credit card on the signature panel.



Signature: _____

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AUTOMOTIVE	EMPLOYMENT
REAL ESTATE	ANTIQUES
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- Please notify us of any errors at once. We cannot be responsible beyond the first insertion.
- **NO REFUNDS!**
- **BY PHONE:** Ads not accompanied by payment have \$1.00 billing charge added, and discounts are not available.



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150, 2 year old heifers due February; (80) - 3 years old, 2nd calf due February; 120 open heifers, all black Angus. See video at clovianfarms.com. 785-418-2983.

CATTLE

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DATES FOR 2013

DEC 9-13



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785-448-3119
www.grahamschool.com



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REGISTERED
BULLS**

**20 MONTHS BULLS,
3 1/2 YEAR OLD NEW DAY**

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Good EPDs, Low Birth Weight, Ready for Fall Breeding

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HOFMANN Simmental

F A R M S

Red & Black Simmental/ SimAngus bulls available now for fall breeding.

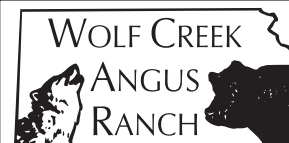
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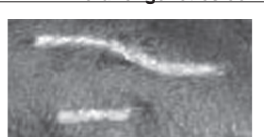
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BRED CLUB calf cows and heifers. Cows- Hollywood to Yellow Jacket and TM Gus to FSF Starburst. Heifers- Monopoly to The Answer and Ace of Diamonds to The Answer. All due in spring. Call for pricing. 913-909-8955.

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bdrms., 2.5 baths, bsmt., ga-
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Beautiful home overlooking
a pond with 1.45 acres and
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New Listing! 320 Ac +/- Sportsmans Paradise! 10 miles NE of
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bldg. with living quarters and wood burning stove. All CRP.. wow!
Call Ray!

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236 Ac +/- Prime Development Property located in Junction City's
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MISCELLANEOUS

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Accuracy is golden — CAB partner McPherson County Feeders reaches Gold quality milestone

By Laura Conaway
 Cattle feeders are a driven bunch. Striving toward goals and playing the odds are part of their daily routine. For Allan Sents and his team, quality has been in the cards for many years. When the owner-manager of McPherson County Feeders, near Marquette, signed on with the Certified Angus Beef ® (CAB®) brand nearly 15 years ago, he began to see how everybody can win with grid premiums for better cattle. But he didn't stop at becoming a CAB partner. That wasn't just a goal on a list to check as completed. Sents was just getting started. Accumulated closeout data spanning those years verifies the McPherson crew has been hard at work. A 30.06 Program honor roll has been noting all harvest groups achieving at least 30% CAB or USDA Prime, with no more than 6% outliers for being too fat, heavy or light. The 10,000-head-capacity lot recently attained 30.06 Gold Level, only the third CAB partner yard across the U.S. to do so. It took seven years to achieve the 500-head Bronze Level; then in four more years came the 1,000-head Silver in 2010. Doubling that level of on-target feeding in just three years, the records show McPherson County Feeders had enrolled and harvested more than 2,000 of the 30.06 cattle by early 2013. Of the 1,950 CAB-eligible cattle in those groups, 45.9% qualified for CAB and USDA Prime, with 83.8% reaching USDA Choice or better.
 “It’s been an inspiration to watch the transformation,” says Gary Fike, beef cattle specialist for CAB. He has worked closely with the feedyard for a decade and notes that ten

years ago, the first 19,716 cattle enrolled made almost 19% CAB and Prime. Fast forward to the past five years: Sents and cattle manager Landon Shaw worked with Angus customers to feed 18,048 enrolled cattle, qualifying more than 34% CAB and Prime. With virtually the same 760-pound carcass weight then and now, there has only been a slight increase in Yield Grade 4s, and Fike says that is understandable because grid allowances moved up. All numbers point to the quality increase in cattle coming out of the yard. Longtime partners of the brand in many ways, Sents and his wife Deanna have been feeding cattle since 1981. Their commitment to quality grew over time as ranching customers responded to feedback and market signals.
 Positioning those cattle to realize their genetic potential and achieve top premiums requires sorting for quality and uniformity as they approach their final weight.
 “We try to optimize the end point on marketing the cattle, to get them sold when they have the best opportunity to grade Choice and hopefully make Certified Angus Beef but not have too many over-fats in them,” the feeder says.
 While feeding 20,000 head per year, the couple manages by working with eight full-time employees and a few part-timers. Together, they are constantly looking for ways to gain an edge in the marketplace and take pride in offering their customers reasonable feed prices. “We value our location here being far enough west that we have a more temperate climate, desirable for

feeding cattle, and yet far enough east that we have enough rainfall to grow some good dryland crops,” Sents says. “So we have access to fairly abundant, reasonably priced forages to use in the ration.” Not one to claim credit, Sents points out that feeding is a partnership with producers and stockers who were working toward their goals long before he handled the cattle. Regardless of who owns them on feed, he is willing to share data with the idea of increasing the quality of cattle overall.
 “We just value working with the smaller producers,” he says. “When they have an interest in following the cattle, we try to respond and share information.”
 Fike presented the McPherson team with a Henry Golden Boy trophy rifle in custom walnut display case at an October customer event, echoing those ideas: strong partnerships create success.
 He commented, “Persistence, developing a solid customer base of producers who are committed to producing cattle that meet our brand specifications, and attention to detail. Those are what earned Allan and his team this unique reward.”
 Twice recognized as the CAB Small Feedlot Partner of the Year (2005 and 2010), the recent honor is one for the books. As the 30.06 Program transitions to a new Targeting the Brand Honor Roll this fall, McPherson County Feeders will be the last recipient of the prestigious award. Still, their record foretells Sents and his team will not rest on their laurels. Achievements in quality are not the end of the road, but simply a way of life here.



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Meeting on Old World Bluestem to be held Dec. 5th in Miltonvale

Old World Bluestem is the name for an invasive grass that has been increasingly seen in north-east Kansas and is causing real problems for cattle producers. Specifically the species we are dealing with is Caucasian Bluestem, a native of southern Asia and Australia. It is drought-tolerant and very aggressive, but lower in quality and palatability than native species. Cattle will often leave Old World Bluestem untouched while

grazing native pastures, thus reducing cattle gains and pasture stocking rates. Once this grass gets established, it can take over an entire pasture if left untreated. Options for control are limited, so early identification and control is critical.

On Thursday, December 5th, K-State Research and Extension will be putting on a meeting to inform producers about this invasive grass and how to identify and control it. The meeting

will be held from 5:00 p.m.-8:00 p.m. at the City Hall in Miltonvale, KS. Dr. Walt Fick, K-State rangeland specialist, will be giving a presentation on his experience and research with Caucasian Bluestem. Dinner will be provided by the Kountry Kafe, sponsored by The First National Bank of Hope in Miltonvale. After dinner, both Dr. Fick and Dwayne Rice, NRCS rangeland specialist, will be fielding questions from the audience.

For more information and registration, please contact Robin Reid at the River Valley Extension District-Washington office 785-325-2121 or robin-reid@ksu.edu. There will be a small registration fee payable at the door. K-State Research and Extension, Cloud County Conservation District, and Natural Resource Conservation Service are all partnering to raise awareness of Old World Bluestem in the River Valley District.



Cody Jensen, Courtland, was awarded the \$2,500 Whitehead Ranches, Rocking Chair Ranch Scholarship. Pictured presenting the award is Loyd Whitehead, Brady, Texas.

Cody Jensen chosen as Whitehead/Rocking Chair Ranch Scholarship winner

Cody Jensen, Courtland, was awarded a \$2,500 Whitehead/Rocking Chair Ranch Scholarship Nov. 1 during the American Hereford Association Annual Meeting in Kansas City. This scholarship was one of many awarded through the Hereford Youth Foundation of America, totaling more than \$35,000.

Jensen, 20, is in his first semester at Kansas State University where he is majoring in feed science. He transferred there after completing his sophomore year

at Butler Community College, El Dorado, where he studied agriculture and was on the livestock judging team.

Cody has been very active in the Kansas Junior Hereford Association, serving as president, treasurer, reporter and director. He's also been successful in the showing, earned the champion bred-and-owned bull banner at the 2012 JNHE. He was elected to the National Junior Hereford Association board of directors at the 2013 JNHE.



Brady Jensen, Courtland, was awarded the \$2,500 Bar One Scholarship. Pictured presenting the award is George Sprague, Eugene, Ore.

Bar One Ranch Scholarship awarded to Brady Jensen

Brady Jensen, Courtland, was awarded the \$2,500 Bar One Scholarship Nov. 1 at the American Hereford Association annual meeting in Kansas City. This scholarship was one of many awarded through the Hereford Youth Foundation of America (HYFA), totaling more than \$35,000.

Brady, 21, is continuing his education at Kansas State University, majoring in animal science and ag economics, after completing two years at Butler Community College, El Dorado.

While at Butler, he was on the livestock judging team and was named the

third-place All-American Academic and Livestock Judge. Brady was elected at the 2012 JNHE to be an NJHA director and is currently serving as membership chair. He was the 2012 Herdsman of the Year and was selected as the 2013 JNHE champion senior showman.

George and Karen Sprague of Bar One Ranch, Eugene, Ore., made a generous donation to HYFA in 2011 so that an annual scholarship could be awarded in honor of Ken Tracy, a fellow Hereford breeder who lost his battle with cancer.



Tucker Siebert of the Jolly Jayhawkers 4-H Club exhibited the champion doe and best doe in show at the Central Kansas Free Fair in Abilene.

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JC LIVESTOCK SALES INC.

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

For the week of November 20, 2013:

22	505	195.00	4	760	150.50
6	415	189.00	4	643	150.00
17	578	185.50	41	676	147.50
36	641	176.00	3	702	147.00
6	609	174.50	4	804	141.00
70	713	167.75	3	958	139.50
8	694	160.50			
7	683	160.25			
47	849	160.00			
7	821	157.00			
36	918	155.75			
4	921	144.00			

STEERS

HEIFERS

Top Butcher Cow was \$97.00 @ 1,550 lbs.

Top Butcher Bull was \$95.00 @ 1,990 lbs.

Bred Cows \$1,170-\$1,500

Pairs \$1,300-\$1,660

Fat Hog Top \$56.75 @ 249 lbs.

Sows: \$52.00 to \$70.00

NO SALE on Nov. 27th due to Thanksgiving Holiday

CONSIGNMENTS FOR DECEMBER 4:
60 Blk X Strs800-850 lbs.
65 Blk X Strs800-850 lbs.
70 Blk X Hfrs700-750 lbs.
70 Angus X Strs/Hfrs550-700 lbs.....Have Spring Shots
PLUS MORE BY SALE TIME!

CONSIGNMENTS FOR DECEMBER 11:
54 Blk X Hfrs625-725 lbs.
PLUS MORE BY SALE TIME!

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

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

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Seth Lauer 785-949-2285, Abilene

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Cell: 785-761-5812

KARL LANGVARDT 785-499-5434
Cell: 785-499-2945

MITCH LANGVARDT 785-238-1858
Cell: 785-761-5814

LYNN LANGVARDT 785-762-2702
Cell: 785-761-5813

Radio Market Reports KFRM 550 Tues. & Wed. 8:00 am

Radio Market Reports KCLY-Fm 100.9 Tues. 6:45 a.m.

CLAY CENTER LIVESTOCK SALES INC.

Cattle sales Tuesday, 11:00 AM.

For week of November 19, 2013:

9	341	217.00	4	553	160.50
38	440	200.00	9	569	157.00
56	541	189.50	3	728	151.50
11	532	186.00	5	744	151.00
3	592	183.00	4	738	148.00
16	612	181.75			
18	621	177.00			
16	739	170.00			
23	835	165.50			
57	817	164.25			
51	849	159.50			
40	950	155.25			
3 hol	395	119.50			
58 hol	565	115.50			

STEERS

HEIFERS

Top Butcher Cow was \$87.75 @ 1,280 lbs.

Top Butcher Bull was \$98.50 @ 2,220 lbs.

Bred Cows \$1,300 to \$1,625

Pairs: No Test

We WILL have a Sale on November 26th

NEXT SHEEP & GOAT SALE:
Dec. 7, 11:30 hay & equip. • 12 Sheep & Goats

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Date: 11/20/13. Total Receipts: 1760. A great sale before the holiday next week. Calves and feeders fully steady to higher in spots. Cows and bulls for slaughter mostly steady as well.

2 hfrs @270#	\$184.00	3 strs @493#	\$181.00
2 hfrs @293#	\$184.00	4 strs @540#	\$186.00
3 hfrs @330#	\$178.00	2 strs @550#	\$180.00
2 hfrs @486#	\$176.00	20 strs @581#	\$179.00
2 hfrs @430#	\$172.00	10 strs @599#	\$178.00
2 hfrs @428#	\$169.00	10 strs @589#	\$174.00
6 hfrs @478#	\$168.00	4 strs @599#	\$169.00
5 hfrs @471#	\$165.50	7 strs @603#	\$170.00
2 hfrs @493#	\$165.00	4 strs @609#	\$168.00
3 hfrs @475#	\$162.00	9 strs @676#	\$168.00
4 hfrs @517#	\$166.00	8 strs @688#	\$167.75
18 hfrs @525#	\$166.00	16 strs @651#	\$166.50
10 hfrs @549#	\$165.00	8 strs @688#	\$165.50
2 hfrs @520#	\$162.00	9 strs @688#	\$159.25
2 hfrs @576#	\$159.00	68 strs @748#	\$166.50
7 hfrs @565#	\$155.00	12 strs @755#	\$166.00
7 hfrs @590#	\$150.50	37 strs @710#	\$166.00
4 hfrs @595#	\$146.00	11 strs @730#	\$165.50
15 hfrs @627#	\$154.00	27 strs @726#	\$165.00
5 hfrs @610#	\$150.50	17 strs @718#	\$164.00
8 hfrs @684#	\$149.00	228 strs @799#	\$161.75
4 hfrs @658#	\$147.00	44 strs @789#	\$161.00
4 hfrs @609#	\$145.50	7 strs @739#	\$161.00
19 hfrs @653#	\$146.00	9 strs @721#	\$160.25
19 hfrs @769#	\$154.50	14 strs @748#	\$159.50
11 hfrs @746#	\$151.50	10 strs @790#	\$158.75
5 hfrs @745#	\$151.50	12 strs @767#	\$158.00
4 hfrs @771#	\$151.50	12 strs @783#	\$154.75
16 hfrs @777#	\$151.25	27 strs @803#	\$163.25
17 hfrs @778#	\$151.25	8 strs @832#	\$162.00
3 hfrs @770#	\$148.50	48 strs @807#	\$161.75
3 hfrs @780#	\$147.50	60 strs @884#	\$161.50
17 hfrs @862#	\$148.50	25 strs @889#	\$160.50
6 hfrs @940#	\$140.00	18 strs @880#	\$159.00
16 hfrs @917#	\$138.50	119 strs @871#	\$158.85
14 hfrs @1107#	\$119.50	23 strs @875#	\$157.25
10 hfrs @1146#	\$113.50	8 strs @849#	\$155.00
3 strs @457#	\$208.00	4 strs @806#	\$154.50
3 strs @415#	\$207.00	111 strs @924#	\$152.00
3 strs @435#	\$197.00	34 strs @1606#	\$150.75
2 strs @495#	\$192.00	5 strs @1060#	\$148.50
2 strs @478#	\$187.00	18 strs @1175#	\$130.00

COWS: \$84.00-\$96.00
72.00-\$83.75

SHELLS: \$71.00 and down
BULLS: \$86.00-\$96.00

NO SALE NEXT WEEK DUE TO THANKSGIVING!
HAPPY HOLIDAY TO EVERYONE!

EARLY CONSIGNMENTS FOR DECEMBER 4TH:
• 45 blk & blkw/ str & hfrs, 550-650 lbs.
• 20 blk & red str & hfrs, 500-700 lbs.
• 15 blk & red str & hfrs, 650-750 lbs.
• 72 blk & red hfrs, 750-825 lbs.
• 300 blk & char str, 775-825 lbs., pending
MORE CONSIGNMENTS BY SALE TIME

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emporialivestock.com

Beef exports continue upward trend; pork exports remain down slightly

Paced by sustained strong performances by the Japan and Hong Kong markets and a rebound in Mexico, U.S. beef exports in September remained ahead of 2012 levels. U.S. pork exports continue to face a number of challenges including access restrictions in Russia and a lingering downturn in the Japan market, according to statistics released by the USDA and compiled by the U.S. Meat Export Federation (USMEF).

Powered by a 37 percent jump in the volume of beef exports to Japan, 65 percent to Mexico and 102 percent to Hong Kong, U.S. beef exports rose nearly 5 percent in September and are up 1 percent for the year. The value of those exports – up nearly 16 percent to Japan, 56 percent to Mexico, 182 percent to Hong Kong and more than 41 percent to South Korea – drove the value of U.S. beef exports up 14 percent for the month and they remain 10 percent ahead of the 2012 pace that set a record of \$5.51 billion.

U.S. pork exports received a boost from sales to the China/Hong Kong region – up 14 percent in volume and 24 percent in value for the month – as well as strong sales to the ASEAN

region (up 45 percent in volume and nearly 47 percent in value), but continued access restrictions to Russia and a very competitive market in Japan continued to keep pork exports down 5 percent in value and more than 9 percent in volume for the month and 5 percent in both categories for the year.

“On the beef side, the industry aggressively pursued the opportunities available for U.S. product when market access was expanded in Japan and Hong Kong, and we are seeing exciting growth in both those markets,” said Philip Seng, USMEF president and CEO. “On the pork side, we are continuing to face challenges from strong competition in Japan that is driving down our market share, and access issues with Russia continue to hamper our industry, both in pork and beef.”

In fact, the decline in pork exports to just Japan and Russia amount to nearly all of the drop-off in pork export volume this year (81,874 metric tons of a total 85,705 metric ton decline) and more than the total dip in export value (\$246.7 million decline from the two markets versus \$213 million overall).

For the month of Sep-

tember, the United States exported 94,698 metric tons of beef valued at \$505.5 million, accounting for 13 percent of total beef production and 11 percent of muscle cuts (versus 13 percent and 10 percent, respectively, last September). The export value per head of fed slaughter in September was \$249, up from \$227.65 a year ago.

Pork exports for the month totaled 166,650 metric tons valued at \$478.7 million, accounting for 25 percent of total U.S. pork production and 21 percent of muscle cuts (versus 26.7 percent and 23 percent, respectively, last September). The export value per head for the month averaged \$53, down from \$53.43 last year.

Top beef markets Japan remains the top export market for U.S. beef in 2013. Exports to Japan are up 52 percent in volume (183,942 metric tons) and 35 percent in value (\$1.1 billion) for the year, accounting for 21.3 percent of the total volume of U.S. beef exports and 24.2 percent of the value.

The No. 2 volume mar-

ket for U.S. beef, Mexico took larger volumes for four consecutive months, with September exports increasing nearly 65 percent in volume (18,990 metric tons) and 56 percent in value (\$82 million) over year-ago levels. For the year, it is down just 1 percent in volume (149,887 metric tons) and even in value at \$641.7 million.

Canada remains a strong market for U.S. beef, second in value and third in volume for the year at 133,776 metric tons (up 6 percent) valued at \$912.9 million (up 10 percent).

Other key beef export markets for 2013 include:

Hong Kong: up 96 percent in volume (84,473 metric tons) and 137 percent in value (\$530.9 million)

South Korea: down 19 percent in volume (75,962 metric tons) and 2 percent in value (\$419 million)

Middle East: down 3 percent in volume (111,895 metric tons) and 18 percent in value (\$211.8 million) for the year, with the decline coming in the competitive Egyptian muscle cut market

Central/South America:

up 24 percent in volume (32,549 metric tons) and 15 percent in value (\$113.7 million) led by strong growth to Peru, Chile and Colombia

Taiwan: up 135 percent in volume (23,404 metric tons) and 195 percent in value (\$185.7 million)

Top pork markets Mexico remains the top volume market for U.S. pork in 2013, with volume up 1 percent to 446,827 metric tons valued at \$849.8 million, a 4 percent increase. Japan is the No. 1 value market at \$1.4 billion, a 6 percent decline year-over-year, while volume is down 8 percent to 317,710 metric tons.

Boosted by a strong September, exports to China/Hong Kong were even in volume (313,379 metric tons) and up 6 percent in value (\$670.4 million).

Other key pork export markets for 2013 include:

Canada: down 1 percent in volume (171,091 metric tons) but up 1 percent in value (\$637.5 million)

Central/South America: up 32 percent in volume (79,880 metric tons) and 29 percent in value (\$199.4 million) led by strong growth to Colombia, Honduras and Chile

South Korea: down 33 percent in volume (70,776 metric tons) and 36 percent in value (\$194.9 million)

ASEAN: up 44 percent in volume (50,456 metric tons) and 39 percent in value (\$121.6 million) led by strong growth to the Philippines and Singapore

Lamb exports mixed

Lamb exports remained mixed, off 3 percent in volume for the year (9,720 metric tons) but up 10 percent in value (\$21.5 million). For September, two of the top three markets (Mexico and Canada) declined in double digits while the Caribbean was up in double digits. During the month, total lamb exports were 764 metric tons (down over 42 percent) valued at \$1.9 million (down more than 17 percent).

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Market Report - Sale Date: 11-21-13. Head Count: 1004

300-400 lb. steers, \$140-\$219; heifers, \$130-\$180; 400-500 lb. steers, \$130-\$202; heifers, \$125-\$172; 500-600 lb. steers, \$125-\$191; heifers, \$120-\$164; 600-700 lb. steers, \$125-\$175; heifers, \$120-\$156; 700-800 lb. steers, \$120-\$156; heifers, \$120-\$145. Trend on Calves: Choice steer calves, steady; Choice heifer calves, steady to \$3 lower. Trend on Feeder Cattle: not enough feeder steers and heifers for market test. Butcher Cows: High dressing cows, \$77.50-\$88; Avg. dressing cows, \$67.50-\$77.50; Low dressing cows, \$50-\$67.50. Butcher Bulls: Avg. to high dressing bulls, \$85-\$100.50. Trend on Cows and Bulls: Butcher Cows, \$2 lower; Butcher Bulls, steady.

CLOSED THURSDAY, NOVEMBER 28TH FOR THANKSGIVING!

We welcome your consignments!

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

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

Cattle Sale Every Thursday 11:00 AM

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400-500 lbs. \$130.00-\$135.00
500-600 lbs. \$125.00-\$132.00

Steers & Bulls: 350-450 lbs. \$150.00-\$160.00
450-500 lbs. \$140.00-\$145.00
500-550 lbs. \$135.00-\$140.00

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

Call for daily price quote

For more information contact:
Jim Breeding, 785-562-7248, cell
785-325-2243 barn, 785-562-2615 home
“If you don’t like ‘em on delivery, you don’t own ‘em”

Eureka Livestock Sale

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

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

On Thursday, Nov. 21 we had 983 head of cattle on a good market.

STEERS	15 mix 646@157.50	5 bk 477@173.00
10 bk char 376@218.00	40 bwf 908@157.25	6 bk 552@168.00
5 bk char 448@210.00	12 mix 717@156.50	8 bk bwf 571@162.00
4 bk 520@193.50	10 mix 670@155.25	20 bk bwf 554@157.00
10 bk bwf 554@189.50	49 mix 854@148.75	9 bk 718@155.00
10 bk bwf rbf 537@189.00	4 char 1000@145.50	3 bwf 647@151.50
6 bk 622@174.50	4 hol 349@120.00	18 bwf wf 825@150.75
23 bk bwf 623@174.00		11 bwf wf 630@150.00
7 bk 624@174.00		9 bk bwf 941@145.00
8 bk bwf 724@167.75		4 bk 891@138.50
11 bk bwf rbf 697@165.00	HEIFERS	12 bk bwf 1033@137.50
45 mixed 745@163.25	5 bk 355@186.00	9 bk 1069@135.00
	5 bk 391@175.50	

BUTCHER COWS: \$56-\$95.50, mostly \$73-\$88, \$1-\$3 lower, but very active with over 300 cows & bulls.

BUTCHER BULLS: \$77-\$98, mostly \$88-\$96.

PREG COWS: \$1,025-\$1,350. PAIRS: \$750-\$2,200

NO SALE: November 28 • Happy Thanksgiving!

Early Consignments for December 5:

- 5 bwf rbf fall pairs, 2 years old with Sept. & Oct. calves at side, fancy
- 500 blk bwf rbf steers & heifers, 400-800 lbs., all homeraised & weaned & vaccinated
- 55 black bwf rbf steers, 800-900 lbs.

For Sale on December 12, 2013 • 12:00 Noon

- 103 fancy Angus & bwf cows, 3-4-5 yrs old, spring calvers, bred to 4 Angus bulls
- 4 Angus bulls, 3-4 yrs old, will be semen & trich tested

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We appreciate your business!

Ron Ervin - Owner-Manager
Home Phone - 620-583-5385
Mobile Cell 620-750-0123

Austin Evenson- Fieldman
Mobile Cell 620-750-0222

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******STARTING TIME: 12:00 NOON******

MARKET REPORT FOR TUESDAY, NOVEMBER 19, 2013

RECEIPTS: 1241 CATTLE

STEERS	3 blk str 873@156.00
2 bwf str 300@264.00	6 blk bwf str 772@155.00
2 blk bulls 337@216.00	7 blk char bulls 634@154.00
2 blk bulls 412@212.50	
4 blk str 462@206.50	HEIFERS
6 blk str 511@204.50	4 blk hfrs 416@184.00
9 blk str 426 468@202.50	11 blk hfrs 390@179.25
9 blk bwf str 446@197.50	5 blk bwf hfrs 414@172.00
5 blk red str 503@196.00	6 blk rbf hfrs 437@170.25
7 blk red str 507@194.50	26 blk hfrs 821@167.00 rplcmnt
6 blk str 519@194.00	8 blk rbf hfrs 445@165.25
11 blk red str 541@191.50	2 blk hfrs 570@164.00
5 blk str 543@186.50	8 blk char hfrs 534@164.00
10 blk char str 592@181.50	7 blk red hfrs 503@163.00
9 blk red str 573@180.00	20 blk hfrs 718@162.85
5 blk str 608@178.50	10 blk bwf hfrs 573@162.00
5 blk str 633@178.00	11 blk bwf hfrs 481@161.00
8 blk bwf str 621@178.00	7 blk bwf hfrs 607@159.25
6 blk str 635@176.50	9 blk char hfrs 716@158.50
18 blk str 596@173.50	7 blk hfrs 536@157.75
5 blk str 636@171.00	6 blk hfrs 610@156.00
7 blk char str 700@167.50	7 blk red hfrs 579@156.00
30 blk str 761@166.50	8 blk hfrs 582@155.50
7 blk str 717@165.35	16 blk char hfrs 638@154.50
30 mix str 671@165.25	15 mix hfrs 747@153.75
13 blk str 683@164.50	9 blk rbf hfrs 807@152.00
6 blk str 690@162.50	8 blk hfrs 771@151.50
47 blk str 883@161.85	4 blk hfrs 683@151.00
4 blk bwf str 720@160.00	6 blk hfrs 670@147.50
10 blk bwf str 723@158.50	53 blk hfrs 897@140.50

DECEMBER 3 - 61st ANNIVERSARY SPECIAL CALF & YEARLING AUCTION--12 NOON

PLEASE JOIN US FOR A FREE BEEF DINNER

35 blk bwf s&h 600-750 w&v2	10 blk s&h 650-700 w&v
25 blk s&h 600-700 w&v3	20 blk red s&h 450-650 w&v
35 blk bwf s&h 500-700 w&v	95 blk s&h 500-700
25 mix s&h 500-700	100 blk s&h 450-700
12 blk s&h 500-550	130 blk bwf str w40d & v2
40 blk red s&h 650-750 vacc	Moser genetics, Perry Ranch
45 blk hfr yrlds 650-750 w&v	60 blk hfrs 500-600 w40d&v2
60 blk str yrlds 600-800 w&v	Moser genetics, Perry Ranch
53 red angus herf x s&h w&v2	20 blk bwf s&h 650-700 w&v
replacement quality	35 blk s&h 500-550
30 blk str 500-550 fall vaccs	65 blk s&h 600-700

DECEMBER 10--REGULAR WEEKLY AUCTION--12 NOON

FRIDAY, DECEMBER 13: SPECIAL COW & BULL AUCTION, 6 PM

40 blk bwf red 1st calf hfrs/angus sired fall calves, exposed to angus or balancer bulls since Nov. 12	10 blk & red cows/calves, 7-SS
20 blk bwf red cows/angus sired calves fall calves, 3-6 yrs, exposed to angus or balancer bulls since Nov. 12	30 mix cows, SS-Aged, bred MSR bulls for Feb. 25 calves
35 blk bwf char cows 4-SS, bred MSR blk bulls for Feb. calves	58 blk 1st calf hfrs/blk fall calves (40-70 days old), hfrs & calves vacc & calves banded, Hfrs exposed to Oleen angus bulls since Nov. 25
10 blk bwf cows 4-8 yrs, bred angus or herf	24 blk 1st calf hfrs/blk fall calves (30-40 days old)

DECEMBER 17--REGULAR WEEKLY AUCTION--12 NOON

DECEMBER 24 -- NO AUCTION

DECEMBER 31 -- NO AUCTION

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

View our auctions live at "lmauctions.com"

Selecting supplements for the beef cow

By Keith Martin
Wildcat Extension
District Agent
Livestock Production

The goal of a profit motivated beef cow-calf enterprise is to convert forage resources into pounds of beef. The basic premise behind forage based beef production is that cows can harvest their diet more efficiently and cheaply than beef producers can harvest or buy, store, and feed to them. However there are times even in the best planned and managed forage systems that supplemental feed is needed due to a lower than needed level of nutrients in the basal forage or simply a lack of available grazed or harvested forage.

To determine whether supplemental feed is needed you must know the nutrient requirement of the animal being fed and the nutrient profile of the forage offered. Listed below are the dry matter intakes plus the dry matter nutrient percentages required by a 1300# mature beef cow of average milking ability during her various stages of production:

If there is plenty of forage which meets or exceed the nutrient levels listed

above then no supplemental feed is needed. To determine the nutrient content of forage you can submit a forage test to your local Extension office. Many offices will have a forage probe which can be used to sample hays or silages. As you can see by far the highest amount of nutrients are needed by the cow during the first 90 days of lactation. Matching up that period of production with the time when you have the most available nutrients in the pasture is a key to reducing feed costs.

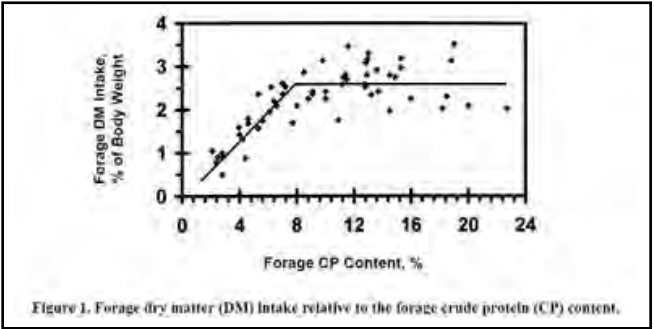
Forage which is less than seven percent crude protein creates problems on several fronts. In addition to not meeting the biological needs of the cow, forage of that protein level or lower does not provide enough nitrogen in the diet to support a rumen microbe population that can digest

forage efficiently. This results in a reduced intake of a lower quality forage which compounds nutrient deficiencies. The table below predicts dry matter intake of forages of different protein levels.

Effect of Forage Crude Protein on Dry Matter Intake (from Mathis, 2000)

That is why protein is most often the first limiting nutrient of grazing dormant grass or cows fed low quality hay. Providing supplemental protein to cows consuming low-quality forages that contain less than 7% crude protein in fact supplements the cow both directly and indirectly by supplementing the rumen microbes resulting in an increase in forage intake and utilization.

When protein is needed supplying it in a more concentrated form results in an



	Intake Lb/day	CP %	TDN %	CA %	P %
First 90 days of lactation	32	10.3	59	.3	.2
Middle 1/3 of gestation	22	7.1	50	.18	.15
Last 1/3 of gestation	25	7.9	54	.26	.17

increase in forage intake as illustrated by the table below (Heldt, 1998)

Based on this information protein supplements should contain more than 30% crude protein on a dry basis to maximize forage intake and the resulting increase in protein and energy supplied by the forage. In some situations energy may limit performance even after the cow's protein requirement has been met. This most often occurs when feeding first-calf

heifers or 3-year-old cows during lactation. Feeds that contain high levels as starch perform more like substitutes than supplements to the fact that they have a negative effect on forage intake and utilization, which subsequently decreases overall energy intake.

Potential supplements should always be evaluated on a cost per unit basis of the most limiting nutrient (\$/lb. crude protein or \$/lb. of energy). Storage and de-

livery method are also important considerations.

An excellent publication on beef cow nutrition is available online at: www.ksre.ksu.edu/library/lvstk2/c735.pdf

For information about this and other livestock topics contact the K- State Research & Extension, Wildcat District office at (620) 784-5337 or email me at rk-martin@ksu.edu

(Source: Dr. Justin Waggoner, K-State Extension Beef Systems Specialist)

Grass & Grain Weather Report

Seven Day Forecast

TUESDAY
Mostly Sunny
High: 41 Low: 20

WEDNESDAY
Mostly Sunny
High: 37 Low: 22

THURSDAY
Mostly Sunny
High: 41 Low: 25

FRIDAY
Mostly Sunny
High: 40 Low: 24

SATURDAY
Sunny
High: 47 Low: 28

SUNDAY
Mostly Sunny
High: 51 Low: 29

MONDAY
Partly Cloudy
High: 48 Low: 32

In-Depth Local Forecast

Today we will see mostly sunny skies with a high temperature of 41°, humidity of 60%. The record high temperature for today is 82° set in 1908. Expect partly cloudy skies tonight with an overnight low of 20°. The record low for tonight is 9° set in 1914. Wednesday, skies will be mostly sunny with a high temperature of 37°.

Last Week's Almanac

Date	Hi/Lo	Normals	Precip
11/15	62/26	54/30	0.00"
11/16	75/51	54/30	0.00"
11/17	64/37	53/30	0.00"
11/18	60/25	53/29	0.00"
11/19	64/28	53/29	0.00"
11/20	64/43	52/28	0.00"
11/21	49/25	52/28	0.04"

Rainfall last week: 0.04"
Normal rainfall: 0.49"
Departure from normal: -0.45"
Average temp last week: 48.1°
Average normal last week: 41.1°
Departure from normal: +7.0°

Local UV Index

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

Weather History

Nov. 26, 1896 - Snow and high winds hit the northern Plains and the Upper Mississippi Valley, with a Thanksgiving Day blizzard in North Dakota. The storm was followed by severe cold in the Upper Midwest. The temperature at Pokegama Dam, Mich. hit 45 degrees below zero.

Growing Degree Days

Date	Degree Days	Date	Degree Days
11/15	0	11/19	0
11/16	13	11/20	4
11/17	0	11/21	0
11/18	0		

Today's Local Outlook

Location	Forecast	High/Low
Washington	Sunny	39/19
Blue Rapids	Sunny	39/19
Seneca	Sunny	38/19
Clay Center	Sunny	40/20
Manhattan	Sunny	41/20
Ogden	Sunny	41/21
Wamego	Sunny	41/21
Junction City	Sunny	41/21
Abilene	Sunny	41/22
Council Grove	Sunny	41/22

This Week's Sun & Moon Chart

	Day	Sunrise	Sunset	Moonrise	Moonset	
New 12/2	Tuesday	7:22 a.m.	5:05 p.m.	12:29 a.m.	1:10 p.m.	Full 12/17
	Wednesday	7:23 a.m.	5:04 p.m.	1:28 a.m.	1:40 p.m.	
	Thursday	7:24 a.m.	5:04 p.m.	2:29 a.m.	2:13 p.m.	
	Friday	7:25 a.m.	5:04 p.m.	3:32 a.m.	2:48 p.m.	
First 12/9	Saturday	7:26 a.m.	5:04 p.m.	4:38 a.m.	3:28 p.m.	Last 12/25
	Sunday	7:27 a.m.	5:03 p.m.	5:46 a.m.	4:15 p.m.	
	Monday	7:28 a.m.	5:03 p.m.	6:54 a.m.	5:08 p.m.	

Sell At St. Marys

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

We sold 1999 cattle November 19. Steer and heifer calves were in good demand at steady prices. Feeder steers and heifers sold steady to \$5.00 lower. Cows and bulls were steady to \$2.00 higher.

STEER & BULL CALVES		HEIFER CALVES		STOCKER & FEEDER STEERS	
6 blk strs	375 @ 226.00	10 blk strs	724 @ 164.50	7 blk strs	566 @ 182.00
4 blk strs	426 @ 223.00	15 mix strs	647 @ 164.25	2 brocl strs	560 @ 180.50
1 blk str	305 @ 218.00	6 blk strs	724 @ 164.00	2 blk strs	550 @ 177.50
1 blk str	400 @ 217.00	50 blk/char strs	831 @ 164.00	5 blk strs	559 @ 175.00
3 blk strs	297 @ 216.00	138 blk strs	938 @ 162.60	83 blk/char strs	617 @ 173.00
11 blk/bwf bulls	435 @ 211.00	21 blk strs	831 @ 162.50	11 blk strs	601 @ 172.50
4 blk bulls	366 @ 210.00	42 blk/char strs	667 @ 162.00	16 blk strs	646 @ 171.50
2 blk/bwf strs	405 @ 208.00	18 blk/red strs	757 @ 162.00	7 blk/bwf strs	589 @ 170.50
2 blk bulls	420 @ 205.00	7 blk strs	705 @ 160.50	4 blk/bwf strs	674 @ 167.50
3 blk buls	417 @ 203.00	54 blk/char strs	810 @ 160.00	22 blk strs	679 @ 167.50
3 red/blk bulls	307 @ 200.00	54 mix strs	886 @ 159.75	13 blk strs	785 @ 167.25
1 blk str	465 @ 198.00	4 red strs	640 @ 159.25	63 blk strs	864 @ 165.50
1 blk str	440 @ 195.00	13 red strs	705 @ 158.00	6 mix strs	668 @ 165.25
1 blk str	465 @ 190.00	55 mix strs	839 @ 157.50	12 blk strs	625 @ 165.00
6 blk/red strs	504 @ 189.50	30 bwf/red strs	672 @ 157.25	10 bwf strs	629 @ 165.00
4 red strs	479 @ 187.00	8 blk strs	701 @ 155.00	5 blk strs	712 @ 165.00
1 char str	515 @ 186.00	57 blk strs	920 @ 155.00	10 red/bwf strs	747 @ 165.00
2 blk bulls	508 @ 184.50	13 blk strs	999 @ 154.50	8 mix strs	714 @ 164.75
6 blk/bwf strs	548 @ 184.00	60 mix strs	904 @ 152.85		
12 blk/red strs	549 @ 182.25	5 red strs	994 @ 150.10		
4 blk bulls	500 @ 179.00				

WATCH OUR AUCTIONS LIVE ON DVAuctions.com

CONSIGNMENTS FOR NOV. 26 SALE:

- 100 Angus bulls & heifers, 500-650 lbs., vaccinated
- 90 Angus steers & heifers, 650-800 lbs., vacc.
- 30 Angus bwf steers, 600-700 lbs.
- 130 blk xbred strs & hfrs, 600-700 lbs., longtime weaned, vaccinated
- 62 Angus bwf steers & heifers, 750-800 lbs.
- 65 black Charolais steers, 800-825 lbs.
- 120 black Charolais steers, 800-850 lbs.
- 120 black steers, 850-875 lbs.
- 61 black xbred steers, 850-875 lbs.
- 60 black steers, 900-925 lbs., green
- 70 black heifers, 700-725 lbs., green
- 192 black bwf steers, 850-875 lbs., green
- 60 black xbred steers, 750-775 lbs.
- 62 black steers, 800-825 lbs.

CONSIGNMENTS FOR DEC. 3 SALE:

- 30 blk bwf strs & hfrs, 600-650 lbs., weaned, vacc.

SPECIAL STOCK COW & BULL SALE THURSDAY, DECEMBER 12 • 1 PM

- 39 blk 1st calf bred heifers, start calving Feb. 20, bred to Angus bulls
- 20 Angus cows, 3-6 yrs old, bred to Angus bulls
- 10 Angus cows, 2-5 yrs old with early fall calves running back with Angus bull
- 20 Angus cows, 3-8 yrs old, bred Angus bull start calving March 1
- 10 Angus cows, 3 yrs old, bred Angus bull
- 40 Angus 3 yr old cows, bred to Angus bulls, start calving Feb. 1

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

FOR INFORMATION OR ESTIMATES:

REZAC BARNST. MARYS, 785-437-2785	LELAND BAILEY . . .TOPEKA, 785-286-1107
DENNIS REZACST. MARYS, 785-437-6349	LYNN REZAC . . .ST. MARYS, 785-456-4943
DENNIS' CELL PHONE785-456-4187	REX ARBMELVERN, 785-224-6765
KENNETH REZAC . .ST. MARYS 785-458-9071	

Toll Free Number.....1-800-531-1676

Website: www.rezACLIVestock.com

AUCTIONEERS: DENNIS REZAC & REX ARB

RezAC

Livestock Commission Company, Inc. St. Marys, Ks.