

Kansas beef herd down 5 percent

By Beth Gaines-Riffel, Editor

Where's the beef? This is a question many ranchers may be pondering of late, and it would seem, according to the Kansas Ag Statistics Service annual countyby-county cattle inventory, that question is certainly justified.

The report released recently shows that there is a five percent decline in the total cattle numbers across the Sunflower State on Jan. 1 as compared to the previous year. One has to hearken all the way back to 1987 to find as small a herd. KASS reported that the total count stands at 6 million head.

beef month — seem justifiably appropriate.

G&G annually takes the information and provides a graphic of where the cattle are located in the state on the county level and changes from the previous year's report.

As in recent years, as USDA is increasingly sensitive to confidentiality of

producers, some countylevel data has not been published. Those counties are left blank in those instances. With limited data, such as in terms of the dairy industry and the number of beef cows, we determined that it was impossible to provide the information so we presented it on a district level.

largest population of cattle was Haskell, in the southwest corner of the state. This should come as no shock with the continued fed cattle industry presence in that region, although the challenging breakevens in recent years have impacted many feedlots, though the

The county with the lessened the pressure to some degree.

Haskell was one of the few counties in Kansas to post positive growth since the last KASS report. They have a total inventory of 370,000 head, up again from the previous record set in 2008 of 367,600 head.

Fellow cattle-feeding moderating price of corn has counties Scott, Finney, Gray

and Grant rounded out the top five.

Phillips County in extreme north-central Kansas earned the top honor in the beef cow division, touting an inventory of 31,000. This boost of 4,700 could be attributed to cattlemen adding back to the herd

Continued on page 3

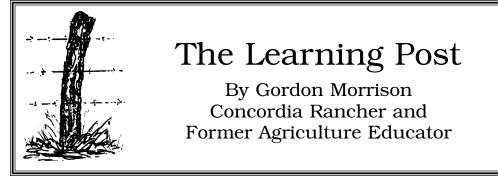


This edition is tagged as the "Cattle Empire" and focuses on all things cattle which since May is feted as

Sherman 22,000 -4,400		as 3,000 1,500	Sheridan 92,000 -12,000		Rooks 49,000 -4,600	Osborne 30,000 -3,900	Mitchell 41,000 -7,900	35,000 +7,200 Ottawa	Clay 35,000 +4,300		ottawatomie 66,000 -2,900	Jackson 46,000 -3,500	-000	wyand Johnson	
Wallace 19,000	Logan 26,0	00	Gove 79,000	Trego 30.000	Ellis 53,000	Russell 28,000	Lincoln 41,000 +4,600	36,000 -10,400	Dickinson 49,000	Rile 15,000 -1,200	Wabaunsee	Shawnee 17,000 -700	Douglas	Johnson	lotte 2, +
+3,400	+1.3		+3,000	-800	+200	+2,900	Ellsworth 28,000	Saline 40,000	-11,900		45,000 - <u>5,600</u>		-1,700	18,000 -3,400 Miami	
Greeley 21,000	Wichita 165,000	Scott 295,00	Lane 67,000	Ness 38,000	Rush 22,000	Barton. 118,000	-4,600	-2,600 McPherson	Marion	-12,100	56,000	+3,800	Franklin 38,000 -3,900	40,000 -1,400	
- 91-515		+25,00	0 -6,700	-3,300	-1,100 Pawnee	-11,000	Rice 57,000 +1,400	55,000 +1,600	59,000 -3,700	41,00		Coffey 31,000	Anderson 29,000	Linn 33,000	
Hamilton	Kearny	Finney 245,00	0	Hodgeman 65,000	100,00		Reno	04.00	arvey	-13,30		-2,100	-9,700	-500	
125,000 +28,300	74,000 -7,200	-38,00		-7,600	Edwards 47,000 -1,600	+3,500	69,000 -4,600	-2,20 Sedgwin	O ck	er 95,000 19,000	Greenwood 68,000 -8,500	Woodson 34,000 -13,000	Allen 28,000 -200	Bourbon 42,000 -5,400	
Stanton	Grant 185,000 -7,500	Haskell 370,0 +27,5)0	-6,300	Kiowa		Kingman 40,000 -1,000	34,00	õ		Elk 33,000	Wilson 26,000 -500	Neosho 47,000 -400	Crawford 45,000 -2,000	
Morton	Stevens 56,000 -3,200	Seward 145,0 +19,0			Comanche 46,000 -10,400	Barber 50,000 -8,200	Harper 30,000 -4,000			11,000 2,500	-5,500 Chaulaugua 38,000 -6,900	Montgomery 35,000 -1,000	Labette 69,000 -5,700	Cherokee 24,000 -4,400	Î,

positive catagory of cattle inventory. This map represents significant shifts of cattle numbers across the state since the previous report. The counties with gains or losses of more than 5,000 head are shaded for easy identification.

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The Traveling Wall

a year in the Korean War in 1952-53. Most of the heavy fighting was over. When I first arrived in Korea, I was assigned to front line duty, drawing combat pay of \$40 a month for being shot at. After a few months, I was moved back to safer territory behind the main line.

One of my assignments then was to serve as the GRO (Graves Registration Officer). This duty involved processing the deaths of soldiers who were killed in action. One night the Chinese overran our outpost, killing seven of our men. They were brought to the squad tent that served as a morgue. The first step of the process was to remove all personal items from their clothing such as dog tags, letters, photos, bibles, watches and rings, make a detailed list of them on identification forms and place them in little cloth bags to be returned to their families. The next job was to remove the bulletproof vests. I found it interesting to see bullets that had passed through the vest but had not penetrated the body. Each vest weighed about twenty pounds; it was best to have them as light as possible while still providing protection so the soldiers could carry more ammunition and weaponry and not be too tired to fight.

The bodies were then placed in rubber bags and lime was sprinkled over them before the bags were zipped shut. From the tent morgue they were taken to ships, where they were embalmed and prepared for shipment back to the States.

This past weekend the Traveling Wall, a memorial with the names of the 58,253 soldiers who were killed during the Vietnam War embedded in an aluminum alloy, was on display at our local armory. This wall is 80% of the size of the permanent granite memorial in Washington, D.C. It is 370 feet long, 8 1/2 feet tall at the apex and tapers down on each end.

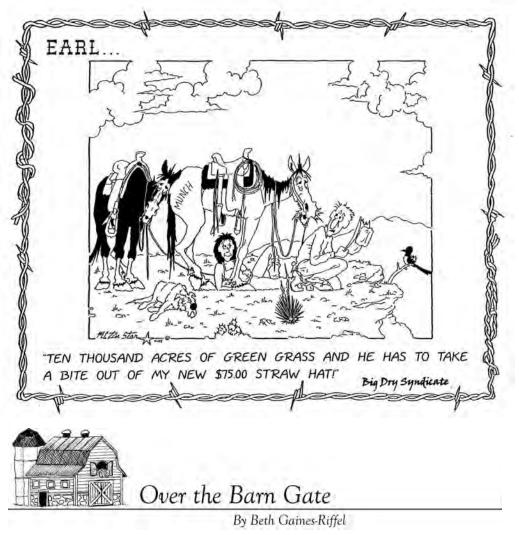
As I studied the names on the wall, I realized that many of these soldiers had at one time been laid in a tent morgue to be processed before going home in a coffin. The average age of all these men was $23.1\ years.$ Two-thirds of those who served were volunteers, and 70 percent of those killed were volunteers. The oldest one who died in service was 68, and the youngest was 15. The duration of the war was officially from August 5, 1964 to May 7, 1975.

When I was in the army, I spent our town, it was a time to honor service men and women - past, present and future. American Legion Post 76 was a major host for the event, helping set up the wall and displays and after four days dismantling and loading them to go on the road again and serving as tour guides for the hundreds of spectators. Entertainment was offered with school bands and other groups providing music and also special features, including statesmen who encouraged those in attendance to celebrate the freedoms enjoyed in this country while recognizing that they have come at a price. As citizens we need to show our appreciation by accepting our responsibilities and work to protect these rights.

> Included in one of the displays was a poster of statistics about all the wars in which the United States has been engaged. So that you may see how costly wars are, I am including some of that information here:

	Served	KIA*
American Revolution, 1775-1783	250,000	4,500
Var of 1812, 1812-1815	286,730	2,260
ndian Wars, 1817-1898	106,000	6,125
lexican War, 1846-1848	78,718	1,733
Spanish American, 1898-1902	306,760	385
Civil War (South), 1861-1865	1,082,119	200,000
Civil War (North), 1861-1865	2,213,365	365,000
VWI, 1917-1918	4,734,991	53,400
VWII, 1941-1945	16,112,566	293,000
Korean, 1950-1953	5,720,000	36,516
/ietnam, 1955-1975	3,100,000	58,253
Desert Storm, 1990-91	1,136,658	148
OTALS	35,127,907	1,021,220
	*Ki	lled In Action

These totals do not include those wounded or who were poisoned and later died. Neither do they include those killed by opposing forces except for the Civil War, which was the most devastating war for this country. The greatest war fought by the U.S. in numbers that served and countries embattled was World War II, when this country lost 293,000 men. It is revealing to note that during this same period, Hitler had six million Jews murdered in the Holocaust. In comparison, one realizes the extent



May is Beef month. I have a lot of reasons to be particularly found of the month of May, but the annual monthlong celebration of the cattle industry certainly helps matters.

In Kansas, as many of us know, the industry is big business. In fact, in the most recently available (2008) figures show that the beef industry makes up fully 45% of the total ag cash receipts, and in 2009, that total was \$5.55 billion, and yes that is with a B.

The last census noted that 30,000 farms in the state included cattle.

And it's not just in Kansas that the industry is a big deal. Nationally, the state ranks third in total population. Texas is the leader. But still, even at that level, that doubles the state's population!

Nationwide, we process the third most cattle, which is evidenced by the strong cattle-feeding sector in the southwest, adjacent to the harvesting facilities. Kansas ranked second in fed cattle marketed with 5.14 million in 2007. That represents 22.9% of all cattle fed in the United States.

And speaking of processing, the largest segment of the food business in Kansas is meat and meat products. This industry itself provides jobs for 18,700 folks.

The American Meat Institute indicated that in 2009, the meat industry was responsible for as much as \$10.8 billion in economic activity in Kansas. Consider

what that number might have been if the current economic climate was different.

But it's much more than a commodity that we buy and sell. Beef is something we celebrate with.

There is a reason that Bill Broadie and his All-American Beef Battalion feed the troops a steak dinner when they are either retuning from duty or ready to deploy. A nice piece of chicken on the grill doesn't have the same appeal.

And given the opportunity to gather for a special occasion — say a wedding anniversary or other milestone — a nice piece of prime rib often is in order.

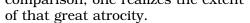
Even just gathering with neighbors for a nice evening outdoor, burgers can be found sizzling on the grill, making stomachs growl as the nose catches a whiff of the tantalizing aroma fills the air.

But to get that beef from the farm to the plate is no easy task. The sleepless nights calving heifers, the challenges of dispelling myths about the health-aspects or production methods - not to mention the investment of time to get a calf from conception to market weight. It's not an easy business - and that's a fact.

So this week I salute the farm and ranch families that make beef their business. In my opinion it is a worthy and noble profession, and I thank you with each delicious bite I enjoy.

That's all for now. I'll chat with you next week, "Over the Barn Gate!"

While the wall, along with other patriotic exhibits, was on display in



War is terrible, and I would not want to go through it again. Yet, my experience in Korea was beneficial in that it has helped me realize what our freedoms have cost us and how precious they are. This makes me stand straight and alert whenever our national anthem is played. May we be diligent, patriotic citizens who will strive to preserve these freedoms and not allow them to slip away from us.



Editor - Beth J. Gaines-Riffel gandgeditor@agpress.com

- Advertising Staff — Steve Reichert Dennis Katzenmeier agpress2@agpress.com

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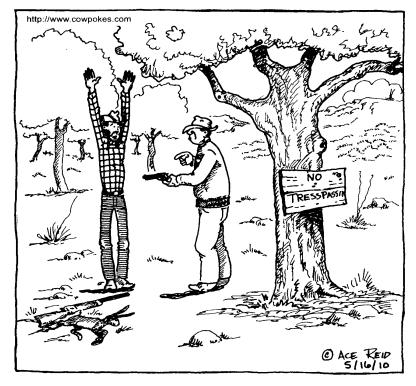
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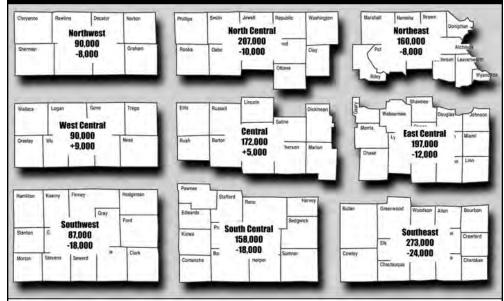
COWPOKES

By Ace Reid



"But look Sheriff---even the Lord forgives them that trespasses!"

Kansas Beef Cow Herd



The momma cow has long been referred to as the "factory" in the beef business. This map details region-by-region changes in the size and location of the cow herd. The recent report indicated some shifting of the location of the cows from the northwest and central regions, where feed may have been unavailable or expensive to source, into the the eastern parts of the state. (Source: Kansas Ag Statistics Service)

TOP 25 CATTLE COUNT	8. Seward145,000	16. Reno
	9. Hamilton125,000	17. Greenwood.68,000 (tie)
1. Haskell370,000	10. Barton118,000	17. Nemaha68,000 (tie)
2. Scott295,000	11. Pawnee100,000	18. Lane67,000
3. Finney45,000	12. Butler95,000	19. Pottawatomie66,000
4. Gray220,000	13. Sheridan92,000	20. Hodgeman65,000
5. Grant185,000	14. Gove79,000	21. Clark60,000 (tie)
6. Wichita165,000	15. Kearny74,000	21. Decatur60,000 (tie)
7. Ford155,000	16. Labette69,000 (tie)	21. Republic60,000 (tie)

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Cattle herd smallest since

Continued from page 1 those that had been liquidated due to drought conditions the previous year.

More traditional cowcountry regions of Pottawatomie, Greenwood, Chautauqua, Jackson and Labette counties rounded out the top six in this category.

Cattle on feed for Kansas

totaled 2.3 million head, steady with the previous year's report.

The tough times in the dairy industry could be clearly seen in the report as seven of the nine reporting districts experienced losses of milk cows. The most notable was the southwest district, which has seen a big run-up of the dairy industry

in recent years. The cow number dropped 36,800 head from the previous year. They have an inventory of 72,000 head, making up fully 62 percent of the dairy industry in the state.

Within the southwest region, Hamilton County was the largest dairy county, housing 45 percent of the region's total.

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Donna Valek, Agenda, Wins Grass & Grain Recipe Contest & Prize For This Week

Winner Donna Valek, Agenda: "This is a quick, easy dessert to make with ingredients you usually have on hand.' SOPAPILLA CHEESECAKE

(2) 8-ounce packages cream cheese

- 2 cans crescent rolls
- 1 1/2 cups sugar
- 1/2 stick oleo
- 1 teaspoon vanilla
- Cinnamon

Preheat oven to 350 degrees. Line a 9-by-13-inch pan with 1 can of crescent rolls, smoothing them out to fill pan. Mix cream cheese with 1 cup sugar and 1 teaspoon vanilla. Spread on top of crescent rolls. Cover with other can of crescent rolls; there will be gaps. Melt oleo with the other 1/2 cup sugar and pour on top of rolls. Sprinkle cinnamon on top. Bake for 30 minutes.

POND STOCKING

Channel catfish, minnows,

hybrid bluegill, bluegill, crappie,

bass and grass carp.

HAJEK FISH FARM

Marion, Kansas

Ida Eatinger, Raymond: "Any flavor of fruit filling can be used and canned biscuits can be substituted. They are good warm or reheated in the microwave if there are leftovers." QUICK CHERRY COBBLER 1 can cherry pie filling 1/2 teaspoon cherry flavoring 1 cup biscuit mix 1/3 cup milk

1 tablespoon sugar

Mix filling and flavoring and place in muffin cups. Mix biscuit mix, milk and

sugar; spoon on top of cherry filling. Bake at 350 degrees for 15 to 20 minutes. Serve with cream, if desired. *****

Sabra Shirrel, Tecumseh: EASY CHEESY LASAGNA 1 pound ground chuck 26-ounce jar spaghetti sauce 8-ounce package wide egg noodles, cooked 8-ounce package shredded mozzarella cheese 1 cup cottage cheese 1 cup grated Parmesan

cheese

Brown ground chuck and drain. Stir sauce into meat and simmer 5 minutes. Add noodles, mozzarella cheese and cottage cheese; mix well. Place in an ungreased 2quart casserole dish. Sprinkle with Parmesan cheese and bake uncovered at 350 degrees for 30 minutes.

- Mary Rogers, Topeka: **BUTTERFINGER BARS** 3/4 cup butter, melted
- 2 1/4 cups brown sugar
- 3 eggs
- 2 1/2 cups flour
- 2 teaspoons baking powder 1/2 teaspoon salt
- (5) 2.1-ounce Butterfinger
- candy bars, chopped
- 1 cup chocolate chips
- 1 teaspoon vanilla Set oven to 350 degrees.

Spray a 9-by-13-inch pan. In a bowl combine butter and brown sugar, stirring until combined. Add eggs, stirring until mixture is smooth. In a bowl combine flour, baking powder and salt. Gradually add to butter mixture, stirring until combined. Stir in chopped candy bars, chips and vanilla. Spoon batter into prepared pan and bake for 25 to 30 minutes or until bars are set in center.

Lucille Wohler, Clav Center: "Rhubarb will be ready soon. This is a quick salad to make."

RHUBARB SALAD 3 cups diced rhubarb

- 2 cups water
- 1 2/3 cups sugar 6-ounce package strawberry
- gelatin 20-ounce cans crushed
- pineapple Cook rhubarb and water 5

minutes. Remove from heat. Mix in sugar and gelatin.

Stir well then add pineapple. Chill.

Peggy Tholstrup, Salina: "Submitted for 140th Immanuel Lutheran Church, Salina, new cookbook by LaVaune Rasmusson, with

approval." **RICE KRISPIE BARS**

- 1 cup sugar
- 1 cup white syrup 1 cup peanut butter
- 6 cups crisp rice cereal
- **Topping:** cup semisweet chocolate
- chips 1 cup butterscotch chips

Cook sugar and syrup only to boiling point to dissolve sugar. Add peanut butter and mix well before adding crisp rice cereal. Spread into a greased 9-by-13-inch or 10-by-14-inch pan. For topping, mix chocolate chips and butterscotch chips together in a double boiler. Spread over cereal mixture. When set, cut into squares. Makes 3 to 4 dozen.

HINT: Have your double

boiler heating so that the chips can be melting while you are preparing the cereal mixture.

Kellee Rogers, Topeka: YELLOW RICE & BLACK BEANS

16-ounce package yellow rice mix 32-ounce container chicken

broth

- 2 tablespoons olive oil (2) 15-ounce cans black
- beans, rinsed & drained 4.5-ounce can chopped green chiles

Cook rice mix according to package directions. substituting broth for water and adding the olive oil. Remove from heat. Using a fork, stir beans and chiles into cooked rice. Let stand covered for 5 minutes. ****

Sandy Hill, Eskridge: REAL GOOD SWISS STEAK 1 1/2 to 2 pounds round steak 1/4 cup flour 1 teaspoon salt Shortening 1/8 teaspoon pepper

10 3/4-ounce can mushroom

soup 10 1/2-ounce can onion soup Combine flour, salt and pepper. Pound into steak with a meat hammer or edge of heavy saucer. Cut into serving portions. Brown

shortening. Arrange meat in lightly greased 9-by-13-by-2inch pan. Combine soups and pour over meat. Cover and bake in a 350-degree oven for about 1 1/2 hours or until tender. Serve the soup mixture as gravy over potatoes. rice or noodles. Yield: 6 to 8 servings.

- Millie Conger, Tecumseh: BOW TIE PASTA SALAD
- 1 pound bow tie pasta
- 1 pound broccoli florets

12-ounce bag baby carrots, sliced

- 1 cup cherry tomatoes, halved
- 1 package Hidden Valley Ranch Salad Dressing & Seasoning Mix
- 1 cup buttermilk
- 1 cup mayonnaise
- Salt
- Pepper

In a large pot prepare pasta according to package directions, adding broccoli during the last two minutes of cooking. Rinse and drain well. In a bowl combine pasta, broccoli, carrots and tomatoes. In a bowl stir together dressing mix, buttermilk and mayonnaise. Add to pasta mixture, tossing to coat. Cover and refrigerate for at least 2 hours. Stir before serving. Add salt and

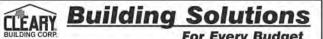


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Munch & Crunch: Healthy Recipes To Enjoy Any Time Of The Day

(NAPSA) — When it comes to getting into shape and improving your overall health, you can avoid getting sidetracked with poortasting diet food. The key is to make health part of your everyday routine.

To help you have good health habits, Kyle Shadix a certified chef de cuisine, registered dietitian and culinary expert specializing in nutrition, food and health — and a team of fitness and nutrition experts offer three scrumptious recipes. These easy and tasty recipes highlight the many ways to use melba toast in meals and snacks throughout the day:



Chocolate Pistachio Crunch 4 cups (2 12-once packages) semisweet chocolate

chips (not milk chocolate) 1 box Melba Snacks Sea Salt

1 cup of pistachios, chopped & toasted

Stir chocolate in large bowl set over saucepan of boiling water until melted and smooth, making sure that water does not touch

bowl and that the chocolate does not get too hot. Remove bowl from over water. Dip the Melba Snack into melted chocolate to cover half. Gently shake off excess chocolate. Place on baking sheet and quickly sprinkle with chopped pistachios. Refrigerate until chocolate is firm, about 35 minutes. Makes 40 sweet and salty snacks.

Caesar Salad Crunch Wrap

1 (about 8-10-inch size) whole wheat flour tortilla 2 cups shredded romaine lettuce

1/4 cup (or to taste) low-fat Caesar salad dressing

1 tablespoon Parmesan cheese

4 slices Old London Melba Toast Whole Grain

Cooked shrimp or sliced precooked chicken breast strips (optional)

Toss romaine lettuce with salad dressing and Parmesan cheese. Place 2 melba toast in the center of the tortilla. Place a heaping mound of Caesar salad mixture over the melba toast. Top with 2 other melba toast and fold the wrap. Makes 1 crisp bite without all the fat and sodium.

Mini French Toast Dippers 3 large eggs 1/2 cup skim milk

1/3 cup + 12 teaspoons sugar 1 tablespoon vanilla extract

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1/4 teaspoon nutmeg (optional) 1/4 teaspoon cinnamon (optional) 1 box Melba Toast Classic 2 tablespoons butter

Whisk eggs, milk, 1/3 cup sugar, vanilla and spices in a small bowl. Pour mixture onto a cookie sheet or jelly roll pan. Place melba toast in single layer in egg mixture: let stand until soaked through, about 3 minutes; flip if necessary. Melt 2 tablespoons butter in a large nonstick skillet over medium-high heat. Add 6-8 soaked melba toast slices to skillet; cook until deep golden on bottom, about 2 minutes. Sprinkle top of slices with 1/2 teaspoon sugar; turn slices over and cook until deep golden on bottom, about 2 minutes. Transfer French toast to plates. Serve with applesauce, maple syrup or your choice of breakfast dips. Makes 25 sweet nibblers to pair with nutritious fruit

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Some recipes will be selected from subreceived missions from area cooks while others may be suggested favorites. You may also share the recipe with friends and family by clicking on the 'email page" button.

This week's recipe is **Blueberry Crisp from** Kellee Rogers, Topeka

References available

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SPINACH DIP

1 loaf round sourdough bread, hollowed out, extra bread reserved

(2) 8-ounce packages of cream cheese, softened 8-ounce package frozen, chopped spinach, thawed

- and squeezed dry
- 1/3 cup sour cream
- 1 tablespoon garlic powder

2 teaspoons Cajun seasoning salt

Preheat oven to 350 degrees. In a medium bowl, mix together softened cream cheese, garlic powder, and Cajun seasoning until smooth. Beat in sour cream, and chopped spinach. Remove top and interior of sourdough bread. Fill with cream cheese mixture. Tear removed bread chunks into pieces for dipping. Place bread bowl onto cookie sheet. Place bread bowl into preheated oven. Bake for 15 minutes, add remaining torn bread chunks onto cookie sheet and heat for another 10 minutes. Remove from oven and serve hot.





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'Six days ago I had chest pains after one and one half minutes on the treadmill. Today, I went 45 minutes with no chest pain. -J.C., Wichita.



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Page 6Grass & Grain, May 18, 2010Quality assurance insures beef safety

Since it was introduced, this nation's beef quality assurance program has measurably improved safety, helped reduce chemical residues in beef and given producers new models for quality production.

When the program started in the early '80s, 1 to 2 percent of beef had chemical residues of some kind. The most recent U.S. Department of Agriculture tests conducted in 2008 show chemical residues down to .00007 percent in beef cattle, said Dee Griffin, University of Nebraska-Lincoln feedlot veterinarian.

"It is now clear that educational efforts by Cooperative Extension and the beef industry over the last 10 to 15 years has paid off in measurable reductions in chemical residues in meat," said Dave Smith, UNL dairy/beef veterinarian.

In the BQA program, federal government agencies supply regulations and data, while Cooperative Extension at landgrant institutions and commodity groups help with dissemination and education. The intended result is that producers lead quality initiatives that benefit their customers.

The BQA mission is to maximize consumer confidence in and acceptance of beef by focusing the producer's attention to daily production practices that influence the safety, wholesomeness and quality of beef and beef products through the use of science, research and education initiatives.

"Much of the UNL Extension mission of beef education comes from the producer-led educational programs of the beef quality assurance program. These programs are then carried out by producers and also work with the commodity groups," Smith said.

For example, as Smith promotes a program to improve the health of cattle or the safety of beef, his work also supports the BQA program.

In addition to residues showing up in food, the program also addresses other issues, such as tenderness, biological hazards, food safety and how cattle are handled.

Quality assurance programs for all livestock were driven by the USDA's Food Safety and Inspection Service for residue control.

This effort stemmed from a high percentage of vegetables with chemical residues in the 1980s. In addition to beef containing 1 to 2 percent chemical residue, 4 percent of pork also had chemical residues of some kind.

With 33 to 35 million head of cattle in the United States, 8 million of those in Nebraska, 1 to 2 percent of beef with chemical residue was unacceptable, Griffin said.

The FSIS, with the organization of Cooperative Extension at the nation's universities, along with commodity groups and others led the effort to fix the problem.

Within two years, those involved knew where the chemical residues were coming from: antibiotics.

Griffin said they found out that producers were giving the correct dose of antibiotics, but at maximum amounts. Amounts were reduced and producers also started following withdrawal periods that ensure antibiotics are not in the animals' system when they are processed for food.

"Once we learned that, we had to teach it to everyone across the world," Griffin said. "The Cooperative Extension service became a way to get it out."

In addition, veterinarians, producers and others came up with a very simple six-point system that not only dealt with antibiotics, but anything that could potentially cause a defect. This program is followed in 47 states.

These six points:

Make sure animals are in perfect health and don't get sick. Make sure feed is clean and not contaminated.Make sure products used on cattle, such as antibiotics or vaccines, are administered properly.

Concentrate on animals that need special care, such as those that are sick.





Have sick animals evaluated by a nutritionist or veterinarian, following the proper withdrawal time on antibiotics. Keep accurate records.

USDA tests all cattle, pigs, chickens, milk, eggs, ducks and other animals randomly for a broad spectrum or environmental contaminants like lead, Griffin said. In other meats, like pork and chicken, the residue percentage is zero

"If you eat a pork chop or eat at KFC, you will never bite into any residue of any kind," Griffin said. "And we aren't done (with the beef industry) as the only acceptable number is all zeroes."

Griffin said it is important that the public is educated about agriculture. In 1950, 30 percent of Americans were directly involved in agriculture. Today that number is fewer than 2 percent.

Ultimately, the BQA program is based on the ethics, principles and practices of individual producers.

"We need to make sure everything we do produces a safe and wholesome product the way Mother Nature intended it to be," Griffin said.

Meeting to address past, present and future of DNA technology in beef cattle

The use of DNA technology - past, present and future - in beef cattle will be addressed at a June 7 conference at the U.S. Meat Animal Research Center in Clay Center.

Attendees will learn about recent advances in the application of DNA technology as it relates to making selection decisions in beef cattle, said Matt Spangler, UNL Extension beef genetics specialist.

This will include how this

information is used in combination with expected progenv differences in some breeds, the benefits of parentage testing, economic considerations of using this technology and issues in which scientists are exploring.

All cattle producers, educators and affiliated industry personnel who have a vested interest in the genetic improvement of cattle are encouraged to attend, Spangler said.

Speakers at the meeting include Spangler; Alison Van Eenennaam, animal genomics and biotechnology extension specialist at the University of California-Davis; Sally Northcutt, genetic research director at AGI, Bob Weaber, extension beef genetics specialist at the University of Missouri; Larry Keuhn, research scientist at the U.S. Meat Animal Research Center, and Steve

Kachman, professor, statistics, UNL.

The meeting will begin at 11:30 a.m. with lunch and end at 5:30 p.m. Registration is \$10 to cover handouts, lunch and snacks. For more information, contact Spangler at (402) 472-6489. mspangler2@unl.edu. To RSVP for the lunch, contact Terri Behl at (402) 472-6411, tbehl1@unl.edu by May 31.



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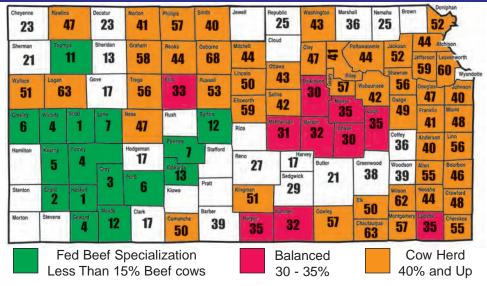
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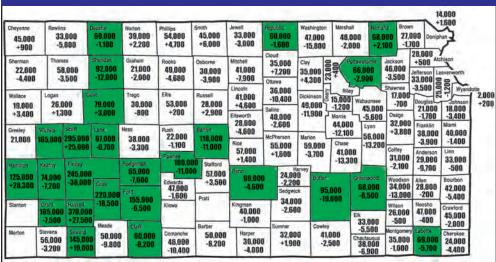
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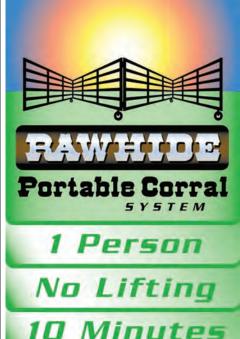


This map denotes the type of cattle activity taking place across Kansas. The figure represents the percentage of beef cows in relation to the total cattle population in the county. Some county data has not been provided by KASS due to privacy concerns.

2010 Cattle Inventory



This map indicates the location of beef animals across Kansas as of Jan. 1, 2010 The second number denotes the change from the previous year's report. The top 25 counties are shaded for easier identification. (Source: Kansas Ag Statistics Service)



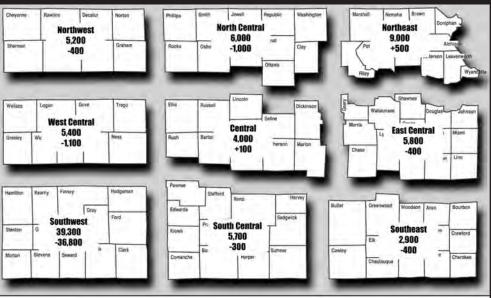
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Dairy Cows



This graphic depicts the state of the Kansas dairy industry as of Jan. 1 2010. There was a significant downsizing of the milk-producing herd this year. (Source: Kansas Ag Statistics Service)

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Wallace 19,000 +3,400	Logan 26,0 +1,3	00	Gove 79,000 +3,000	Trego 30,000 -800	Ellis 53,000 +200	Russell 28,000 +2,900	Lincoln 41,000 +4,600 Ellsworth	36,000 -10,400 Saline 40,000	Dickinson 49,000 -11,900	Morris 7-5	600 Osage	Douglas 21,000 -1,700	Johnson 18,000 -3,400
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Hamilton 125,000 +28,300	Kearny 74,000 -7,200	Finney 245,00 -38,000	Gray	Hodgeman 65,000 -7,600 Ford	Pawnee 100,000 -11,000 Edwards 47,000		+1,400 Reno	24,00	arvey O Butler D	-13,300 Green	000 34,0	00 29,000 00 -9,700 son Allen 00 28,000	33,000 -500 Bourbon 42,000
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The cattle industry in Kansas has long played an important role in the state's general economy. From the days of the early trail drives which brought large herds of cattle up the trail to the cowtowns of old to the modern-day feeding and processing operations found in Southwest Kansas, beef still plays a vital role. There is a shift taking place as the industry is downsizing. This map illustrates where the large populations of cattle are located according to the Kansas Agriculture Statistics Services' latest report on County Cattle Counts.





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NH HW325, '05, 16', 1000 Hrs	\$57,990(H)
NH HW325, '05, 16', 1620 Hrs	\$57,600(C)
NH HW325, '06, 18', 832 Hrs	\$56,700(D)
NH HW325, '06, 18', 1773 Hrs	\$51,500(D)
HE 9345, '07, 18', 650 Hrs	\$51,000(E)
NH HW325, '05, 18', 1752 Hrs	\$49,500(D)
NH HW325, '05, 18', 1911 Hrs	\$49,200(D)
NH HW325, '05, 18', 1911 Hrs	\$49,200(D)
NH HW325, '05, 18', 1895 Hrs	\$45,900(G)
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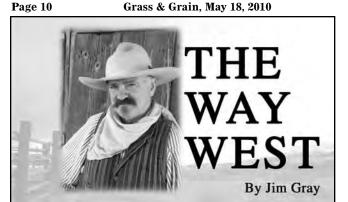
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NH HW325, '05, 18', 1809 Hrs\$64,400(D)	JD 4895, '02, 18', 2587 Hrs
NH HW345, '05, 15' Disc, 1340 Hrs\$61,800(D)	NH HW320, '99, 16', 1950 Hrs
JD 4995, '07, 16' Disc , 1522 Hrs\$61,300(D)	NH HW320, '02, 14', 2960 Hrs
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Roman Nose

Many tribal chiefs of the American Frontier are so well known that their names are readily identified by most anyone with a passing knowledge of history. Red Cloud, Dull Knife, Sitting Bull, Geronimo, and Black Kettle are just a few. However, one memorable warrior was feared as much as any leader, although he was never a chief. The exact lo-

cation of his birth is unknown but the boy who became known as "The Bat" was born in the mid-1830's north of the Platte River, probably near the Black Hills. Bats display an unusual ability to defy normal rules of nature which conveyed a mythical character to Native American culture. In this case, the young man displayed special, even

mythical qualities on the field of battle that seemingly allowed him to cheat death.

Before his birth the Cheyenne divided into two great bands. The Southern Cheyenne lived below the Platte River. The Northern Cheyenne lived north of the Platte, most generally across Montana and the Dakotas.

Social organizations were a part of Native American Culture, often crossing boundaries between tribes. These societies performed various functions within the culture. The Bat belonged to the Crooked Lance Society. When the United States brought soldiers to fight against the tribes of the Great Plains The Bat was given the name Hooked Nose, which was interpreted by the soldiers as Roman Nose.

He was legendary among

P.O. Box 246

the Cheyenne people and feared by the settlers who dared to turn the prairie upside down with their glistening iron plows. Soldiers became very aware of the presence of Roman Nose beginning with the Powder River Expedition of 1865. Warriors harassed exhausted and starving soldiers for days in an isolated region of Wyoming. At one point Roman Nose appeared on a fine white pony wearing his famous war bonnet that nearly touched the ground. Its magical qualities protected him from death. Suddenly he rode straight toward the defensive line of soldiers. Wheeling his horse in front of the firing troops he boldly charged along the line, bullets splitting the air all about him. Once he reached the end he turned and rode back, drawing fire all the way.

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From that time forward anytime Indians attacked, soldiers swore that Roman Nose was leading the attack. The Smoky Hill country between the Arkansas River and the Platte River represented more than just land. The Smoky Hills were prime hunting grounds that embodied the last vestige of Chevenne culture. The Dog Soldier Society led the resistance against settlement in their sacred Smoky Hills. Roman Nose admired the Dog Soldiers and while not a member of their society, chose to associate so closely with them that he was often described as a Dog Soldier. The government attempted to wrestle the Smoky Hills away from the Cheyenne with a new peace treaty at Fort Ellsworth in 1866. They were building a railroad west to Denver and expected the Cheyenne to allow construction through the heart of buffalo country. But the whole thing was broken up when Roman Nose told government officials that he would fight them "forever" if the railroad was built. The profits of eastern capitalists held more weight than the desires of aboriginal people in the



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Storm debris in pastures potential health risk to cattle

back country of a desolate prairie. Railroad construction proceeded without interruption.

The following spring General Hancock led a massive force of soldiers to Fort Larned, demanding to meet with the chiefs of the tribe. He was furious when Roman Nose failed to appear. The chiefs were confused. Roman Nose was not a chief. It was a classic misunderstanding of culture. To appease the general, Roman Nose rode out to meet Hancock after boldly telling his warriors that he was going to kill him. 300 mounted Dog Soldier warriors were drawn in a line of battle behind him. The general certainly would never expect an attack in front of all his troops. As the two men parleyed on the open plain between battle lines Bull Bear recognized the danger. The women and children in the

village were too close to gamble on a retaliation that could annihilate their families. Bull Bear grabbed the bridle of Roman Nose's horse and lead him away. Hancock never knew that his life was in the balance.

Hancock's actions ultimately expanded the war on the plains. One man stood before him with a vision of forever. And though a culture was ultimately lost, the desolate prairie winds still know the name of Roman Nose.

"The Cowboy," Jim Gray is author of Desperate Seed: Ellsworth Kansas on the Violent Frontier and also publishes Kansas Cowboy, Old West history from a Kansas perspective.

Contact Kansas Cowboy, Box 62, Ellsworth, KS 67439. Phone 785-472-4703 or www.droversmercantile. com.

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With storm season in full swing and the recent devestation across parts of Kansas and Oklahoma's and with tornadoes straight-line winds, cattle producers may be out walking their pastures looking for insulation, building materials and other debris that may negatively affect animal health and time management costs.

Cattle will eat just about anything that looks interesting in the pasture, cautions Doug Maxey, OSU Extension director and agricultural educator.

"Producers are going to have to pick up as much debris from their pastures as possible," Maxey said. "This can be a painstaking, process labor-intensive given the potential amount of small debris."

Insulation can cause bloat, impaction and gastro-

AUCTION:

Wed, May 19, 12pm

intestinal problems when consumed, including possible hemorrhaging of the rumen. Nails and other small pieces of metal can cause "hardware" disease, health problems associated with the consumption of metal.

Dr. Gene Parker, Oklahoma Cooperative Extension Service veterinarian and area food animal quality and health specialist, said a single piece of wire consumed by a bull, cow, heifer or calf can drop down into the reticulum, the first stomach, where it potentially can pierce the heart.

Other problems sometimes associated with "hardware" disease are the shutting down of the rumen, depression, acute pain and decreased milk production. "Cattle producers may want to use rumen magnets if there appears to be a sig-

nificant amount of metal debris in pastures," Parker said. "A rumen magnet may be a health-care investment well worth the money."

Local large-animal veterinarians have information on rumen magnets, including associated costs and availability.

"Insulation debris is more problematic, because of the small size," Parker said. "Producers are unlikely to rid their pastures of every bit of insulation. If animals exhibit symptoms of insulation-related problems, producers should contact their local veterinarians immediately.'

Treatment of cattle suffering from insulation problems is symptomatic.

"Your local veterinarian will treat on a case-by-case basis," Parker said. "This might mean employing a treatment with laxatives,

mineral oil, fluid therapy or, in appropriate cases, surgery.

Page 11

Nails and other sharp metal objects of various sizes also create a significant hazard to the feet and legs of animals. It is not uncommon for these objects to cause puncture wounds and cuts in the feet and legs of livestock.

"Often these metal objects have been carried by wind or washed into water holes, ponds or other areas accessible to livestock and a potential source of injury," Maxey said. "It's prudent for livestock owners to keep this in mind when they have animals showing lameness.'

If an animal is lame for more than one or two days and the lameness continues to worsen, Maxey and Parker recommend the animal be examined by a vet.

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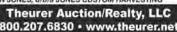
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CUSTOM HARVESTING RETIREMENT

COMBINES: '05 Case IH AFX 8010, 1528 sep hrs, RWA; 2-'97 Case IH 2188 Axial Flow, 3000-5000 sep hrs, new AFX kit & more updates: '96 Case IH 2188 Axial flow, 3231 sep hrs, new AFX kit & more updates: '94 Case IH 1688, HEADERS: '05 Case IH 2062 30' flek draper: '00 Case IH

1042 36 draper, '00 Case IH 1010 30' ridgid: '92 Case IH 1010 30' ridgid: '92 MacDon 963 36' draper, Case IH 983 9R 30' com. TRAILERS/TRUCKS: '05 Balzer 1250 grain cart; Jantz db) hdi

triple axle trir: '07 & '06 Maurer 42' steel grain trirs: tandem axle 18' car hauling trir, dovetail, elec wench, like new, '90 Peterbilt 3406B, Gat eng, 13sp, 588500 mi; '99 Ford F250 super duty, 4WD, Adr, dsl pickup, auto, loaded, 222600 mi; '83 IH 1574 svc trk, 5sp, 204538 mi. CAMPERS: '00 Carriage 5th wheel trir, loaded: '76 Silver Streak bumper, '78 Avion bumper, '72 Twillight bumper.

79 Kountry Aire 5th wheel, NOTE: Misc contractor loois sell beginning at 12pm; large mach

set. Milwaukee hammer drill-Milwaukee sawzall: DeWalt cement siding shear; 2 Bostitch roofing nailers; 1/2" impact; 1/2" drill Bosch planer circular saws: 2 Senco 7/16" crown staplers; Senco 1/4" crown finish stapler; Stabila levels; T squares; step ladders; alum. ext. ladder: 2 DeWalt air compressors; Delta 6" jointer; siding brake: E-Z angle siding saw table; air hose; cords; DeWalt 18v. drills; shovels; Craftsman 5 drawer tool chest; Fein multimaster; hyd. auger drives; 48" & 36" power trowels; 10 5'x5'x7' scaffolding; 6 alum. planks; rotary hammer; nails; chains; boomers; shingles; come-a-longs; truslock; misc. vinyl siding; Tyvec; drywall tools; Bazooka mud boxes; plastic sheeting; concrete floats; saw horses & more.

TERMS: Cash day of sale. Statements made day of sale take precedence over advertised statements. Food provided by: Meridian Youth Group.

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Grass & Grain, May 18, 2010 Page 12

Training, awareness are key to human, animal safety when handling livestock in emergencies

It happened again on May 7. A truck hauling livestock down a southern California highway was involved in an accident and flipped over. Forty head of cattle were killed and others were injured, according to published reports. When such incidents happen, said livestock handling specialist Jennifer Woods, proper training on the part of first responders to the scene can make a difference in the health and welfare of surviving animals - and humans involved in the response. "Being prepared is over

half the battle," said Woods, who owns J. Woods Livestock Services in Blackie, Alberta, Canada. "By being prepared, the accident scene will run much more efficiently and safer for both the people and the animals on scene. A lack of understanding and training is the number one issue at commercial livestock accidents - everyone is really out of their element and no one really knows what to do, what they need or where to get it. They also do not understand the design of the trailer, basic extrication techniques or that there is a difference

between whether the trailer rolls right or rolls left."

Woods, who has worked internationally with companies and agencies, will lead a half-day Emergency Preparedness Seminar on May 19 at 1 p.m. that kicks off the Kansas State University Beef Cattle Institute's International Symposium on Beef Cattle Welfare. The emergency preparedness seminar will be in Weber Arena on K-State's campus. It will cover such topics as handling loose cattle after accident; an moving

Hills Mall.

downed animals, humane safety and handling fractious animals; humane euthanasia techniques and emergency response techniques for wounded cattle.

Woods said that there is often a lack of understanding of stressed animal behavior and that "animals do not think, they react and are constantly reacting to what is going on around them. People also need to be aware of the fact they are viewed as predators and that cattle will react to them accordingly. They are

frightened and will revert back to their natural instinct to flee or fight.'

"Through training and awareness, response to these unfortunate accidents will be safer and more efficient, which is better for everyone involved," Woods said. For those who are unable to attend the symposium in person, a live webcast option is available.

Registration for the Emergency Preparedness only is \$30. The registration fee of \$150 includes the half-day Emergency Preparedness Session and the on-site symposium. Registration for the live webcast at an individual's location is \$150 and \$500 for a live webcast group. The fee covers participation in all symposium sessions, one lunch, refreshment breaks and symposium proceedings.

More information and registration for the International Symposium on Beef Cattle Welfare, including the Emergency Preparedness Seminar, is available on the website: www.isbcw. beefcattleinstitute.org/.





Kansas Cattlemen's Association 606 N. Washington St., Junction City, KS 66441 • Phone (785) 238-1483 E-mail: cowsrus@kansascattlemen.com • Website: www.kansascattlemen.com

Callicrate Feedyard Mike Callicrate St. Francis, KS

Why belong to an organization? Some organizations get together for social events, for dinners, to

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catch up with friends and colleagues. But really, what is an organization and what can it do for you? An organization is a group of people that that become organized for a purpose.

Kansas Cattlemen's Association is comprised of cattle producers who have come together to protect and preserve the U.S. cattleman and the cattle industry. KCA was founded when a group of cattlemen wanted to protect the industry from captive supply. Experiencing the damage of captive supply and seeing neighbors, family, and friends driven out of business made these strong men stand up, organize and defend against injustices.

Today, Kansas Cattlemen's Association follows those same principles. Captive supply still plagues the industry. KCA continues to promote competition, mandatory price reporting, and open and fair marketing.

12 years after being founded, KCA also protects U.S. livestock producers from a government imposed NAIS. As the federal government looks to re-vamp a traceability system, KCA is here working to prevent diseases, providing solutions to help producers rather than create overreaching regulations that put good men and women out of business.

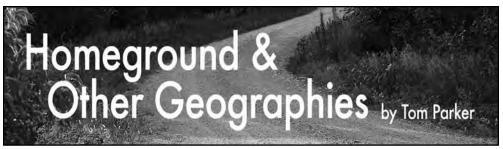
KCA works on state and national legislation. We not only work on proposed legislation, but KCA also helps to create good legislation that promotes agriculture, producers, safe food, stewardship, and the environment (such as the delicate ecosystems of the flint hills).

Kansas Cattlemen's Association, an organization of producers, promoting solutions for a positive future.

Join us today. Get organized for a good purpose. Save your Industry!

The Kansas Cattlemen's Association is Kansas' fastest growing cattlemen's association. Our mission is to restore profits, self-esteem, freedom, fair trade, trust and community pride back to the farms, ranches and rural communities across Kansas and the Nation.

Allan Sents	North on Rossville Rd., then 4 miles East on 86th.							
Marquette, KS	Due to a health condition we are a	Due to a health condition we are selling the following equipment.						
785-546-2216 Mid America	PICKUPS & MACHINERY 2000 F150 XLT ext. cab pickup,	LIVESTOCK ITEMS 2 saddles, 16" seats, 1 is Billy						
Feeders, LLC Bronson Smith Great Bend, KS 620-792-1378	90,000 miles, nice truck 1988 GMC 1500 flatbed pickup, 60,000 on new motor JD 4010 diesel tractor, dual hyd., with Great Bend loader, 8' bucket & bale spear 3 pt. Worksaver bale unroller	Cook roper Saddle bags, bridles, halters 2 mineral feeders 3 hay rings Metal flat bottom feed bunk 16 ft. square bale feeder Bride of Farm eaft groop feeder						
Ottawa County Feeders	2 pt. rear hay spear IH 560 gas wide front tractor & loader	Pride of Farm calf creep feeder Portable calf cradle w/wheels Steel posts and other cattle equipment						
Perry Owens Minneapolis, KS 785-392-2184	16 ft. gooseneck trailer, canvas top 5 ft. pull rotary mower 605F Vermeer round baler,	OTHER ITEMS Husky 1.8 hp. 20 gal. air com- pressor, new						
Rooks County Feeders, LLC Phil Conyac Plainville, KS 785-434-2114	shedded, good IH 375 square baler, shedded, good JD 214WS wire square baler Hesston 500 swather, 14 ft. self propelled, motor is 4 yrs. old Hesston PT 10 pull swather, for	Ruger 22 revolver 30-30 lever action rifle w/scope Antique bar and 4 stools Refrigerator Apartment refrigerator Table & 4 chairs Ping pong table						
Shaw Feedyard, Inc. Bill Shaw Ashland, KS	parts MF rake; 300 gal. pull sprayer 300 gal. gas barrel & stand L-12 White riding mower	Canoe, recent model Char Broil gas grill Shop tools & misc.						
620-635-2670 Winter Feed Yard Ken Winter	check day of sale before remo responsible for accident or the	v ID, pay by cash or personal ving items from premises. Not eft. Announcements at auction d materials. Concessions by rch.						
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The middle path

The weather radio blares, amber warning light bathing the room in honeyed luminance as the announcer's computer-generated voice blazons a severe thunderstorm producing large hail and high winds in excess of 70 miles per hour. Location: sixteen miles west of Blue Rapids. Listeners are advised to seek shelter indoors.

We're indoors. We're in bed, in fact, having arrived there very late in part due to the stormy weather. The evening had been disjointed, one red-Dopplered squall after another, scarlet blossoms flowering like poppies on the radar, advancing almost in real time as I watched. Earlier, when I confided my dread of severe weather to a friend, he surprised me by paraphrasing Shakespeare. "Cowards die many deaths," he said, "but the valiant taste death but once." Maybe so, but that kind of thinking would have been fatal at Greensburg. Burrowing rabbit-like into the netherworld doesn't denote fright as much as intelligent planning. What I'm looking for is a middle path between outright terror and misguided optimism. So. Very. Still. Only the echo of the warning like a reverb, or a pulse.

"Should we go downstairs?" Lori asked. "Not yet. We'll see."

I was tired. Very tired. And suddenly very wired. I listened hard, trying to penetrate the aural ringing in my head. Sixteen miles, moving a mile a minute. Sixteen minutes. Less, actually, before the shockwave.

The windows flickered strobe-like. After about a minute the first deep rumble sounded, seeming to rise from the earth itself. I had no trouble hearing that. I felt it in my bones.

Three minutes, four. I lay there watching the window,

my good ear turned to the thin skin of the roof. Beyond the wall and window, ten feet at most, the maples stirred with a sound like breaking surf. Ebb, and flow, ebb and flow. Flow, flow. Stronger. More insistent. Louder.

Something hard ricocheted off the roof. Another pinged off the window air conditioner. Thud. Thunk. Ping.

It's here, I thought. Followed by a tidal wave of noise and motion, hammering on the roof and windows and aluminum cladding around the window sills and the air conditioner and the trees, punctuated by thunderous booms and explosions of light. I tried ignoring it.

"Should we go downstairs?" Lori asked again.

"I'm more worried about the wind blowing a tree down on the roof," I said. Tornadoes never entered the equation. The roar intensified. I got up and dressed and headed downstairs with Lori in tow. Mostly I wanted to look outside and see what kind of damage we might be sustaining. I was also hoping it would be quieter.

It wasn't. If anything, it was louder, the roar more pronounced. Cladding around the north bedroom windows sounded like a row of metal trashcans being pounded together. Peering through the front blinds revealed a world gone crazy, trees whipsawing back and forth, pounding rain, leaves and bits of leaves and twigs adding to the white marblesized hail whitening the ground, all smeared through sheets of running water. Three sides of the house were battered with equal fury. We waited. There was nothing else to do but wait,

and listen, and wonder what was happening to the garden, the vehicles, the new shingles. The robin in its exposed nest by the shed. I mentally went through a checklist of supplies, plastic sheeting and staples and staple gun in case a window blew out, flashlights - followed by a brief outage, quickly restored, at which time I retrieved them - before stepping outside the south door. Restless energy, I thought. And more: I wanted a deeper tactile experience of the storm's power. The noise was bludgeoning. Hail danced off the vehicles and shredded the trees. The gravel driveway, now a fastflowing stream, shimmering in the light spilling out the window. Green-tinted drifts spread in pale windrows across the porch and down

the sidewalk. The air was misty and very cool, punctuated by flares of lightning arcing the fields into incandescence.

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And then the din lessened, imperceptible at first, almost imagined, as the storm moved to the east. The hail tapered off. Rain that had been lateral shifted to a vertical alignment and pattered through the decimated trees, soft as a lullaby. A great weariness washed over me. I checked the Internet for an update and saw a new squall line forming near Concordia. "We're not out of the woods yet," I said.

I wondered what daylight would bring, what sights. What damage. And then I climbed the stairs for another try at sleep no matter how abbreviated. It was the only path I knew.





3,438 Eng Hrs 94 JD 9600, 4027 Eng Hrs, 3023 Sep Hrs 03 Case IH 2388, 2981 Eng Hrs, 2359 Sep Hrs 98 Case IH 2388, 3039 Eng Hrs, 2558 Sep Hrs 93 Case IH 1688, 3740 Hrs Showing

89 JD 5830 Forage Harvester, 3906 Hrs Showing

TRACTORS

83 JD 8450 80 JD 8640 79 JD 4240, 6306 Hrs 73 JD 4630, 8172 Hrs 68 JD 4020, 9605 Hrs 67 JD 4020 81 IH 1486, 9460 Hrs Farmall McCormick 560, 7148 Hrs 68 MM G1000 Wheatland 01 Dodge W2500 Truck
98 Dodge 250 Pickup
68 Ford Grain Truck 600 Grain Truck
73 Chevy C65 Twin Screw Truck
88 Fleetwood Southwind 32 Ft. RV
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REAL ESTATE AUCTION

SATURDAY, JUNE 5 – 10:00 AM

The traditional practice of finishing cattle on corn may not be the only way to achieve high marbling, a desirable characteristic of quality beef. Researchers at the University of Illinois have discovered that high-quality beef and big per-head profits can be achieved by starting early-weaned cattle on corn and finishing them on a diet high in co-products.

"The goal is to get the highest quality beef product in the most profitable way," said U of I animal scientist Dan Shike. "If you can initiate marbling at a young age with corn, calves are smaller and they eat much less, so feeding them corn for 100

Lunch served.

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days early saves on feed costs. This system will use considerably less corn and achieve the same effect."

For the study, heifers from the Dixon Springs Agricultural Center were weaned at an average age of 77 days and fed a highcorn ration for the next 146 days to initiate marbling. Then the cattle were divided into four groups: pasture-fed; high starch; intermediate starch; and low starch . The cattle remained on these treatments for 73 days. Then, all cattle were fed the intermediate-starch diet for the remainder of the finishing period.

Before being divided into the four treatment groups, the calves were ul-

-

SATURDAY, MAY 22 - 9:33 AM

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ALLYN THOMPSON & RON SHIVERS AUCTION CO. trasounded to determine marbling. The ultrasounds revealed that marbling was initiated with the early corn diet. The cattle were ultrasounded again at the completion of the 73-day treatment period.

"The cattle on pasture had significantly lower marbling," Shike said. "But there were no differences in the cattle fed varying levels of starch."

These results remained constant through harvest with pasture-fed cattle receiving lower marbling scores and fewer cattle grading low-choice. The cattle fed varying levels of starch had no difference in marbling scores.

However, there were differences in profit per head.

"If you look at the overall profitability, we actually lost a little money on the high-starch group, the pastured cattle barely made any money, but the intermediate- and the lowstarch groups showed a big swing. There's about a \$45 difference between the high-starch and intermediate-starch treatment groups, and low starch was comparable to intermediate."

Why were the interme-

diateand low-starch groups more profitable? Cattle fed these diets achieved higher gains as efficiently or more efficiently as the high-starch group.

Another advantage to weaning calves earlier and starting them on feed means they can be harvested much earlier.

"Our system is really an accelerated finishing system. It's not uncommon for our cattle to reach market end point and be harvested at 12 to 13 months of age. Whereas, in a more traditional weaning system, they might be 15, 16,

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or even 17 months of age. So, we're really taking four or five months off of that," Shike said.

Shike commented that when corn prices are high, this system is more cost effective because it utilizes lower priced co-products such as distillers dried grain, corn gluten feed, and soy hulls without sacrificing marbling quality.

"Additional research is needed," Shike said. "But we believe feeding a highgrain ration to cattle at a young age and finishing them on co-products is the most profitable way to produce high-quality beef."





1948 John Deere B tractor; JD trip bucket loader; 1977 Chev. Scottsdale 20 pickup; 1960 IHC BC170 truck, 15' bed &

hammer mill; sled; old oak ice box: cast iron cook stove: ornate top wardrobe: round oak table; Gulbransen player piano & 168 rolls: marble top dresser with handkerchief boxes; Duncan Phyfe dining table; parlor table; press back high chair; old secretary; wash stand; canopy bed; dresser & chest; press back & bentwood chairs; trunks; 2 - 3 pc. bedroom sets; benches; china hutch; desk; TV; Frigidaire refrigerator; Whirlpool washer & drver: Kenmore dish washer: Litton range & microwave: old wine press: Nippon; Fostoria; pottery; Carnival glass: crocks: enamelware; Coca Cola sign; old Life, Post, magazines; maps; sausage stuffer; rocking horse; oil lamps; quilts; linens; vases: sad irons; postcards; hats; jewelry; dolls; sewing supplies; deer mounts; JD toy pull combine; Tonka toys; JD 4x4 toy tractor; figurines; music; auto harp; pictures; baking dishes; pots & pans; utensils; books; serving bowls; dinner set; glassware & more.

\$19,900 \$21.500



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TERMS: Cash day of sale. Statements made day of sale take precedence over advertised statements. Lunch by K&B Catering.

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GRASS Auction Sales Scheduled

check out the on-line schedule at www.grassandgrain.com

- May 18 Butler Co. grassland & ranch home, machinery & misc., household, livestock equip. at Cassodav for Bruce & Melody Sayers. Auctioneers: Leppke Realty & Auction.
- May 18 bidding starts to close, surplus equipment online only (www.purple wave.com). Auctioneers: Purple Wave Auctions.
- May 19 Tractors, trucks, planter, farm equipment E. of WaKeeney for Newcomers. Auctioneers: Farmland Auction & Realty Co., Inc.
- May 19 Combines, headers, trailers, trucks, campers at Lincoln for Dean & Brian Jones, dba Jones Custom Harvesting. Auctioneers: United Country-Theurer Auction/Realty, LLC.
- May 19 Woodworking equip. & tools, work tables, tool chests, ladders, antique cabinet, furniture, Coke collectibles at Topeka. Auctioneers: Simnitt Brothers Auction.
- May 20 Cloud County hunting/farm ground at Miltonvale. Auctioneers: United Country-Midwest eServices, Inc., Max Coleman.
- May 21 Furniture & household at Manhattan for Dr. Renee Slick. Auctioneers: Gannon Real Estate & Auctions.
- May 21 Collectibles, scale size toy tractors, implements & construction toys, die cast, coins, guns, trading cards & figurines at Manhattan. Auctioneers: Totally Auction.
- May 22 Acreage, home &

buildings, farm equipment & household at Mayetta for Francis Frazier Estate & Lola M. Frazier. Auctioneers: Wayne Pagel, CAI.

- May 22 Real estate & personal property SW of Matfield Green for Estate of Brittie Jean Taliaferro & the late Howard C. Taliaferro. Auctioneers: Griffin Real Estate & Auction Service, LC.
- May 22 3 bedroom house at Abilene for USD 435, Abilene High School Carpentry Class. Auctioneers: Reynolds, Mugler & Geist. May 22 — Furniture, guns, tools, garden & yard tools at Lawrence. Auctioneers: Paxton Auction Service. May 22 - Clay County farm-
- land W. of Clay Center for Leland Porter. Auctioneers: Raymond Bott Realty & Auction.
- May 22 Vehicles, tractors, farm related, guns, collectibles & antiques at Lyons for Jim A. Keller Estate. Auctioneers: Auction Specialists, LLC.
- May 22 Rifles, handguns, military & antique, black powder, shotguns, barrels & stocks, BB guns, ammo, reloading & misc., artwork at Emporia. Auctioneers: Hancock Auction & Real Estate.
- May 22 McPherson County land, farm machinery, farm related, household & collectibles at Moundridge for Dwight R. & Velma I. Decker Estate. Auctioneers: Van Schmidt
- Auctions. May 22 - Pickup, mower, furniture, collectibles & misc., yard, shop & misc.

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at Abilene for Mr. & Mrs. Marvin Schneider. Auctioneers: Thompson/Shivers Auction Co.

- May 22 Tractors, vehicles, semi tractor, farm equip., assort. tools & misc., antiques & collectibles W. of Salina for Clayton Phelps. Auctioneers: Post Rock Auction.
- May 22 Antiques, furniture, tools & misc. at Mt. Hope for Joan Chance. Auctioneers: Wood N Horse Real Estate & Auctions.
- May 22 Farm machinery, equipment, guns, fishing, camping & misc., yard, garden & tools at Canton for Maxine Spence & Other. Auctioneers: Crane Auction.
- May 22 Furniture, appliances, glassware, collectibles, mower & misc. at Junction City for Arthur & Eunice Baresal & the Suzanne Sjoholm Estate. Auctioneers: Brown Real Estate & Auction Service, LLC.
- May 22 Coins W. of McPherson. Auctioneers: T&A Auction Service.
- May 22 & 23 Household, furniture, tools, antiques & collectibles & newer items at Kirwin for the Cheryl M. Rader Estate. Auctioneers: Ashley's Auction Service.
- May 23 Pickups, machinery, livestock items & misc. at Silver Lake for Roy & Nancy Darting. Auctioneers: Rezac Auction Service.
- May 24 Barber County real estate at Medicine Lodge. Auctioneers: United Country-Nixon Auction

& Realty, LLC. May 25 — Pickup, construction equipment & tools at Hesston for D&R Construction. Auctioneers:

- Van Schmidt Auctions. May 26 — Harvest equip., tractors, trucks & vehicles, trailers, farm & haying equip., sprayers, wheel loader, excavator, dozer, scraper, skid loaders & access. online only (www.big iron.com). Auctioneers: Stock Auction Company.
- May 27 Uniloaders, machinery, equipment, trailers, tools, concrete, welding, hand tools, building materials at Rossville for Francis Construction, Inc. Auctioneers: Gannon Real Estate & Auctions.
- May 29 State fair KJLS show pigs at Abilene for Wuthnow Family Show Pigs. Auctioneer: Craig Heinen.
- May 29 Home & car, yard & shop items, furniture & household at Marion for Estate of Helen M. Chill. Auctioneers: Griffin Real Estate & Auction Service, LC.
- May 29 Tractor, stock trailer, oak spring wagon, surrey, horse items, outdoor & collectible items

NE of Marysville for Ken & Arleta Martin. Auctioneers: Olmsted & Sandstrom.

Grass & Grain, May 18, 2010

- May 29 Antiques, art & collectibles, pottery & glass, paper at Salina for Beamer Estate. Auctioneers: Thummel Real Estate & Auction, LLC.
- May 29 Consignments W. of McPherson. Auctioneers: T&A Auction Services.
- May 30 Soda fountain & drug store, advertising & collectibles, beer advertising at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.
- May 31 17th annual Harley Gerdes Memorial Day consignment auction at Lyndon.
- May 31 Furniture, Coke items, advertising, crocks & collectibles, toys, glass at Salina. Auctioneers: Thummel Real Estate & Auction, LLC.
- June 1 Nemaha County bottomland, CRP & timber at Centralia for Harold & Mary Ann Brokamp. Auctioneers: Cline Realty & Auction.

June 1 — Mitchell County real estate, tractors, trucks & other, collectibles, household SW of Beloit for G. Edwin Jordan Trust. Auctioneers: Thummel Real Estate & Auction, LLC.

- June 2 Restaurant, real estate & equipment at Randolph for Fleetwood Grille. Auctioneers: Gannon Real Estate & Auctions.
- June 3 Commercial real estate at Lawrence. Auctioneers: Wayne Wischropp.
- June 5 Real estate with home at McPherson for Steve Lowe. Auctioneers: Triple K Auction & Real Estate.
- June 5 Northern Dickinson County real estate at Manchester for Mr. & Mrs. Floyd Hauser. Auctioneers: Ron Shivers Realty.
- June 5 Coins, guns, tractors, farm equipment, tools, antiques & collectibles at Washington for Robert (Rav) Marsteller. Auctioneers: Midwest Land & Home, Mark Uhlik.
- June 6 Tractors, combine, trucks, hay & tillage equip., riding mower, tools & farm related, household, appliances at Basehor for Hank Porter Trust. Auctioneers: Sebree Auction, LLC.

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3 BEDROOM HOUSE TO BE SOLD AT AUCTION SATURDAY, MAY 22 - 10:00 AM



Page 15



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This home was the major construction project of the Abilene High School Carpentry Class under the supervision of Mr. Greg Dutt.

DESCRIPTION: This home has 3 bedrooms, interior oak trim, oak doors, cabinets, vaulted ceilings, tub and shower. Heritage shingles, vinyl clad easement windows with oak wood interior, 3/4" tongue and groove sub-floor. Manifold plumbing, cable and phone line wired to every room. Outside dimensions: 28x52, 1,456 sq. ft.

LOCATION: This house is located just south of the Vocational Building at Abilene High School.

OPEN FOR INSPECTION: Any day between now and sale day by appointment only. School 785-263-1302 ask for Greg Dutt. Home 785-263-1478, Nathan Howard, 263-2484. For additional information go to www.abileneschools.org

SOLD AS EXHIBITED: The house must be moved from the present building site by August 1, 2010 unless special arrangements are made the day of the auction with the superintendent of schools. Moving will be at the owner's expense and in accordance with city ordinances.

TERMS OF PURCHASE: 10 percent of the purchase price on the day of auction with balance, plus sales tax to be paid before the building is moved from school premises. Sale is subject to School Board approval

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Grass & Grain, May 18, 2010



Loading Bulls The Cowgirl Way Most inventions or new

ideas result from a problem for which there is no commonly prescribed answer. Women often have more need to find an alternative solution because, unlike their macho counterparts, "brute force" is not usually a choice. Which brings me to Kristy and her pet cow Jers.

Jers, pronounced Jerz, belonged to Kristy and her husband who lived on an Oklahoma quarter section. Kristy kept horses and did some training to supplement her income as a schoolteacher. Jers was a practical hobby and had recently calved.

It was one of those nasty, soggy, shivering, chilly-tothe-bone early spring mornings where the sky looked like a glass ceiling painted battleship gray. The rain had turned the corrals and fields into soup. A perfect time for Jers to come back in heat! On prior occasions Kristy had borrowed one of neighbor Tom's bulls, but her husband said it would be useless to ask until the ground dried out.

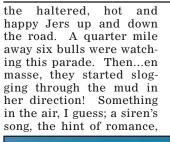
Not discouraged in the least, Kristy drove down to the local café the next morning where Coffee Shop Communion was held daily. There, drinking coffee and playing cards, was neighbor Tom dispensing wisdom. Kristy asked. Tom said he had six bulls turned out on wheat pasture nearby but there was no way to gather them because it was too muddy. "If I can get one caught,

can I borrow him?" she asked.

He gave her the slanted eye, "You can't ride a horse or a vehicle into the pasture either," he warned. She left. The room full of cowmen had a good laugh.

Less than an hour later she pulled up in front of the café with a big Charolais bull in the back of her trailer!

Using her superior feminine illogic, she had loaded Jers and her calf into the 16-foot stock trailer, driven into the wheat field, careful to stay on the good shale oil well road, and parked. After shutting the calf into the front section of the trailer, she lead



that nose curling, blinding, no-holds-barred bellowing call of the wild!

As the charging front line of testosterone carriers neared the trailer, Kristy quickly reloaded Jers in the front with her calf, closed the sorting gate, and escaped through

the front door! The first bull never hesitated He jumped right in, Kristy slammed the gate, and off they drove back to the café.

Recess was called and the entire coffee shop communion went out in the parking lot to see. Tom

inspected the tires for mud, stomping around the trailer, arms crossed and looking suspiciously. "How did ...?" he began.

"I'm sending the story to Baxter," she said. "I'll bet you'll be able to read it in his column pretty soon. Thanks again.

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