



Technology needed to feed the world

By Beth Gaines-Riffel, Editor

There is a challenge ahead and it's not a small one. That was the message that Dr. Ted Schroeder shared with ranchers attending the 2010 Cattlemen's Day on the KSU campus earlier this month. He noted that the world population is expected to grow 35 percent by 2050, when it is predicted to reach the 9 billion mark. To attain a sustainable level of food production, technology will be a significant asset.

Schroeder, university distinguished professor of agricultural economics, said higher food prices around the world in recent years and social unrest over food scarcity in countries like Argentina, Bangladesh, Egypt, Mozambique and many others — combined with a growing world population — are raising the question, what will it take to feed the world's population in 40 years?

Schroeder said that technology isn't a magic wand to make these problems disappear, but it can contribute significantly to increasing food production. He cites how Iowa's corn yields sped past Italy's when Iowa farmers embraced yield-enhancing, genetically modified corn varieties that have been shunned by Italy and much of the European Union.

"It shows so starkly what technology can do to increase food production with the same fixed resource base," Schroeder said. "Technology discovery, technology development and technology adoption are huge in terms of food prices, who will produce the food

and how we're going to feed the world."

He pointed out that until the year 2000 the yield trends between Italy and Iowa, which have similar climate and yield potential were extremely close. In the past decade, the Iowa farmers have adopted GM technology and they have boosted their yields by 50 bushels per acre over their Italian counterparts which shunned the technology.

Genetically modifying crops certainly isn't a new technology, Schroeder said, but advanced abilities for DNA gene mapping — especially in animal populations — is a promising area of development.

"Any technology that increases our ability to understand and predict how an animal or plant is likely to react to a stimulus or environmental factor, or technology that targets managing specific food product attributes produced from crops and livestock, is going to make a substantial difference in providing affordable, high-quality, safe food to the growing base of global consumers," Schroeder said.

One of the biggest challenges to food technologies that could feed a growing population is reduced support for research and development. Although public research support has declined, Schroeder said private investment, driven by profit incentive, is growing rapidly.

"The evidence for how technology development can better feed the world is so dramatic that we'd better make sure we find

Continued on page 3

Wild about beef



There was team spirit about at the recent K-State Legacy Sale last week in Manhattan. A special appearance by Willie the Wildcat in his new KSU Collegiate Cattlewomen's t-shirt was a treat for many alumni, students and future Wildcats.

Economist sees challenges, opportunities in volatile economy

by Mark Parker

Heading into a Kansas growing season, farmers know that fair weather, deluges of rain and searing drought could lie between them and harvest.

And sometimes all three.

That's not a bad model to keep in mind for the agricultural economic outlook, according to internationally known agricultural economist David Kohl. "The economy is a lot like the weather," the Virginia Tech professor emeritus told producers attending the recent Frontier Farm Credit Commercial Ag Symposium in Topeka. "The kind of weather you get depends on

how converging events come together."

In the coming decade, the economic climate will demand higher levels of business savvy, innovation, people skills and liquidity, Kohl believes. In particular, the economist recommended that farmers manage their operations to protect working capital with a three-pronged plan to manage revenue, cost inputs and interest rates.

"Cash, cash, cash. Cash will be king," he asserted. "Build working capital. Don't tie it up. Liquidity is important in dealing with challenging times as well as taking advantage of opportunities."

Kohl cautioned against getting that all-important cash "land-locked." Acknowledging that land can be a very good investment, he urged farmers to make sure they're buying for the right reason—a business decision based on the operation's goals and needs. Observing that about 40 percent of land value has nothing to do with agricultural production, he suggested that controlling land, rather than owning it, may be the best option for many producers. That means, he added, that working with landlords will become a more important part of farming operations. Solid and appropriate land purchasing opportunities will become available, he said, but producers must ensure that those acquisitions meet the requirements of



Dr. David Kohl sharing his knowledge with customers and staff at Frontier Farm Credit's Commercial Ag Symposium.

their business without stressing cash reserves. For any type of expansion, Kohl counseled that farmers must exercise care.

"The number one reason businesses fail is growth," he warned. "They outgrow their management. If it grows too fast it's a weed so look for incremental growth."

With the potential high for dramatic fluctuations in the agricultural economy, Kohl is urging farmers and ranchers to plan for stormy weather, sunshine and everything in between. "There will be more oppor-

tunities to succeed and more opportunities to fail," Kohl predicted. Besides recommending that producers develop business plans for multiple scenarios, he urged them to identify the factors that could put their businesses at risk. Approximately 80 percent of all farm input costs are directly related to oil prices, for example, and Kohl noted that oil price volatility is not going away, considering that major production takes place in militarily and politically sensitive areas.

Additionally, interest rate changes could be a sig-

nificant risk, he said, pointing out that even a 1 percent rate change can have a major impact in an era of smaller margins.

Kohl also asserted there is an increasingly important human side of farm business management. People skills, he said, will be critical to success as farmers and ranchers operate in an expanding network of interdependency. Farmers will increasingly reach out to partner with resources off the farm in order to take advantage of specialized expertise.

Using the value-added dairy business he's involved with back home in Virginia as an example, Kohl stressed that even experienced and successful business people seek counsel and insight from experts.

"I have a Ph.D. in agricultural economics and I use a financial planner," he said. "It's absolutely critical to have another set of eyes look at your books."

Farmers have a wealth of resources available to them in a wide range of business service areas and Kohl emphasized that volatile times demand that they take advantage of that expertise.

Recommending that producers "strategically think globally but act and execute locally," Kohl noted that events well beyond U.S. borders have a significant impact on American agriculture. Pointing out that China has experienced

a high economic growth rate for 20 years, he said, "That impacts you. When you put up a grain bin you're competing with China. When you're in your combine, you're competing with Russia. The world economy is interconnected."

Domestically, Kohl expects special interest groups to have a larger and larger impact on U.S. farming. Pointing out that 80 percent of all Americans are now two generations removed from the farm, he said, "Every one of us has to be an ambassador for agriculture."

On the home front, the economist said farm families face a balancing act. "You can't operate a business without lifestyle connotations and you can't have a lifestyle without business connotations," he said, emphasizing that farm and ranch folks may need to reprioritize both personal and business decisions.

Kohl cautioned that commercial ag prosperity in the coming decade will emanate from tweaking the operation rather than from swinging for the fences. "Success in agriculture is not about doing one thing 1000 percent better, it's about doing 1000 things 1 percent better," he concluded.

In addition to Kohl's presentation, the Commercial Ag Symposium featured sessions on a wide range of farm and ranch business topics.

The view from rural route 8.

Biofarmers

by Jim Suber

The report from the International Service for Acquisition of Agri-biotech Applications (ISAAA) was as mind-boggling as the organization's name.

In fewer than 20 years, the world's use of genetically modified (GM) crops has risen from zero to 330 million acres. From 2008 to 2009, the acreage increased 22 million, or 7 percent, and today 14 million farmers from 25 nations raise GM crops—primarily soybeans, cotton, corn and canola. Of the world total, the United States' farmers planted 148 million acres, often crops with more than one modifi-

cation, or crops with so-called "stacked genes." No jokes here, please...Oh, go ahead.

Coming soon to fields near you will be corn modified to resist drought in a big time way. That has been improving through standard breeding, but what's ahead should be even more dramatic.

Only Europe, the ISAAA said, has reduced its GM plantings, with Germany ending it altogether.

I say, that's Europe: First in War, First in Empty Churches and Last in Population Growth and GM crops. People here often go on and on about the wonders and culture of Europe, but frankly folks, Europe is

WHY we started the United States. Most of my ancestors came from Europe to flee the brutality of autocratic rulers, nightmarish wars, religious persecution and a general lack of individual opportunities.

Today's Americans have little idea what it meant to board a tiny sailing ship and head across the stormy north Atlantic for several weeks with no heat, bad food, rancid water and stinking quarters to land in a place fraught with new perils not very well understood and ill equipped to fend for themselves at any level. But they did it; that is, got away from a bunch of naysayers.

Well, now we have to

find ways to feed what will be 9 billion people on the globe in 25 years or so. I am not naïve enough to think that GM crops are a panacea, the magic bullet, the great turn that will give us unlimited food. But it does give us food we didn't have before. That's why South America and Asia are going for GM along with the U.S.

The second decade of GM commercial crops will end in the year 2016. Several years before it all began, I attended a high-powered conference on biotech in Chicago. Much of the conversation and illustrative rhetoric was about extending the shelf life and looks of tomatoes. If anyone envisioned putting genetically modified row crops on 148 million domestic acres within 20 years, I certainly didn't hear it. Anyone uttering that would have caused eyes to roll and much suppressed laughter in the form of sudden coughing fits.

Much of the talk was very technical and much was about patents and other legal considerations, as well as much about research and of course, the funding of research. And, there are real fears, but even China has begun certifying GM crops and imports of them. Maybe Europe is right this time out, but then their countries for the most part don't have growing populations to feed. In fact, some of them are disappearing from history due to birth rates below levels required to sustain native populations. The rest of us have to eat. Meanwhile, it behooves all nations to guard the world's germ plasm or seed banks with more attention than you'd give Fort Knox, just in case Germany's right this time.



Over the Barn Gate

By Beth Gaines-Riffel

Bidding and auctions are an art form. I've had occasion of late to observe a wide variety of auction-bidders in my rounds of local production sales, FFA work auctions and even an estate auction or two.

As a people watcher, I find it entertaining to scan the crowd and watch those who intend to make a purchase.

It would seem that the bidder-world would be divided into two distinct categories. Those who want the world to know who is bidding and those flying under the radar.

You probably know folks who fall into both camps.

The outrageous bidder may whoop and holler, wave his bidder number in the air or enthusiastically motion to the auctioneer that he wants to be recognized. I would offer the caveat that sometimes a quiet bidder becomes an exaggerated one when he or she fails to have their bidding recognized from the auction block.

For me, though, it's always more fun to watch the quiet or secretive bidder. This is particularly true when it is a very popular or valuable item is on the block.

A twitch, wink, or nods — which may be barely noticeable — are all methods of communicating with an auctioneer or ring man of the intent to own the animal or item. And a skilled auctioneer or ring man will only have to be shown the bidding number once — if multiple purchases are made — speeding up the selling process considerably.

I'm intrigued, though, by those secretive types. I regularly scan the crowd, noting who is bidding on what lots. I always wonder why they choose to be less than obvious when submitting bids.

Is it because they don't want their neighbors in the crowd to know what they paid for that new herd bull? So if they can sneak it by in the process they won't be the talk of the coffee shop the next day?

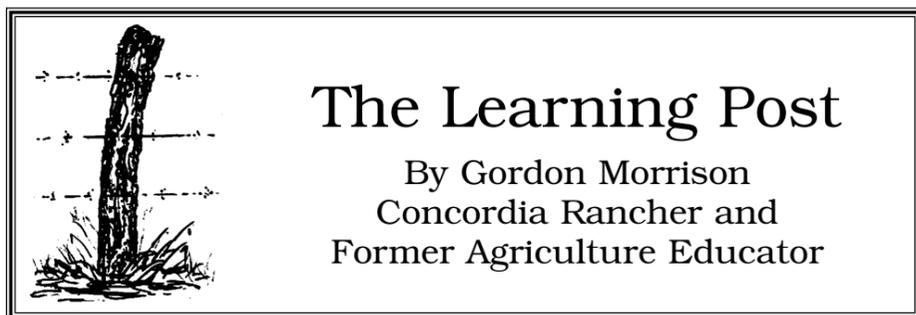
Is it because they hope to get it cheaper — keeping others from knowing that they have an interest in the animal or item?

Or is it just part of the game played between auctioneers, ring men and buyers?

I come from a family of auction-aficionados and as much as I have observed it would seem that a different buying strategy is in play with each auction attended — and I'm usually not privy to that information. Where you sit or stand, and how much of the crowd can be seen from said location are all very important — or so it would seem. I've learned through the years it's best just to follow along.

That is, unless I'm the one bidding!

Just a few observations from the sale circuit. Maybe I'll see you someplace down the road. Until then, I'll chat with you next week, "Over the Barn Gate!"



The Learning Post

By Gordon Morrison
Concordia Rancher and
Former Agriculture Educator

What is your temperament?

Have you ever asked yourself, "Why am I the way I am?" Or wondered why is it so difficult to change? At my fiftieth high school class reunion, my classmates and I could see a dramatic change in our appearances since graduation, but we were all still pretty much of the same disposition as we were then. While time had mellowed us some, we were basically the same persons with the same traits and personalities.

Dr. Tim LaHaye, a psychologist who has made a study of the four temperaments, describes them in his book, *The Spirit-Controlled Temperament*. According to him, a person usually will inherit two or more of these temperaments with one of them being dominant, perhaps 60 to 70 percent or more. These temperaments are inherited at birth through the genes of parents and grandparents. It could be that some will resemble grandparents more than parents. Being genetically influenced, the temperament one will have is as unpredictable as the color of one's eyes and hair, size, or intellect. Four siblings can each have a different temperament.

There are strengths and weaknesses within each of the temperaments. I guess this is good, for if all possess some weakness, then this disqualifies one for judging anyone else. Even though we realize we should not judge, it is sometimes hard not to judge and even condemn acquaintances. The scriptures admonish us not to criticize someone for the splinter in his eye when we have a log in our own eye.

While I will focus mainly on one of the temperaments at this time, I will name all four: (1) Sanguine, (2) Choleric, (3) Melancholy, and (4) Phlegmatic. My study of the four temperaments has been helpful to me in understanding and knowing what to expect from those with whom I rub shoulders, working or spending much time with them. It has enabled me to place a person in one of the four categories and to better predict and understand their logic and reactions to situations.

Since I believe that I am 80 per-

cent choleric in temperament, I will discuss that disposition now and cover the others later. As a reader, you may know me better after I list some of the traits of these personalities. LaHaye describes the choleric as quick, active, practical, and strong-willed. These people tend to be self-sufficient and independent as well as opinionated and decisive.*

I find it easy to make decisions for myself and for others as well. Life for me is activity. I find myself starting a new project and letting others tie up the loose ends on the prior one. When I make a bad decision and fall on my face, I don't stay down but get up to try again. I am not frightened by adversities. My decisions and plans may not be the best so I do make mistakes. I can see the opportunities but often overlook the pitfalls and obstacles in the path. Yet I may succeed where others fail, not that my plans are better but that I do not quit but keep pushing ahead while others have become discouraged and quit. I have often been late for a meal because I was going one more round and seldom looked at my watch. I was looking at my goal. I have not always been considerate, but as I mellow, I am doing better.

Often generals and coaches are choleric in temperament. General George Patton (Old Blood and Guts) is a typical example. If his goal was to capture the bridge intact, he would keep going until his tanks ran out of gas. Bobby Knight, the great basketball coach, wanted to win at all costs. He would get so fiery he would send a chair flying across the court. His goal was to win, and he usually did. In the Civil War, President Lincoln lost many battles before he found General Grant, a choleric who would not stop the fight until he took the hill.

These men are extreme examples of the choleric temperament, but choleric have these tendencies — strong in accomplishing but weak in other areas. God's spirit can help to overcome the weaknesses.

**Tin LaHaye, The Spirit-Controlled Temperament, (Wheaton: Tyndale House Pub., Inc., 1966) p. 15.*



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

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

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Still time to apply wheat topdress

The calendar may say it is time to topdress winter wheat, but Mother Nature disagrees. Damp soils have kept many farmers from applying nitrogen fertilizer to the young wheat crop; however, Dave Mengel says there is plenty of time to perform the spring ritual.

"Don't panic. There is still opportunity for a good response to topdress application for quite some time. There are some areas where it is just now starting to green up," says Mengel, fertility specialist for K-State Research and Extension. "Physiologically, the wheat is not very far along, particularly in some of the late-planted fields, which didn't have a lot of fall growth." Mengel recommends that as the weather warms up and the wheat crop begins to grow more quickly, farmers begin thinking about shifting from

a liquid nitrogen solutions topdress program to urea.

"As the wheat grows, farmers using liquid fertilizer while topdressing expose the wheat crop to leaf tissue burn. In many cases, the wheat isn't far enough along that it can easily withstand any leaf burnback," he explains. "Right now, liquid fertilizer applications won't hurt anything. But soon it will be getting warmer, the wheat will begin growing in earnest and I would be cautious about using liquid nitrogen solutions."

One caveat, however. Farmers can use "streamer bars," which can be installed on sprayer nozzles. These devices allow a stream of liquid fertilizer to be dribbled onto the crop about every five or six inches. "We've used streamer bars clear up to boot stage and have seen very little

damage," Mengel adds.

Ideally, the nitrogen in topdress applications will be moved into the root zone with precipitation well before jointing begins to be most efficiently utilized by wheat, Mengel says.

"With some of the small wheat out there this spring, having adequate nitrogen available to support spring tillering when it breaks dormancy will be important," Mengel says. "Some combination of fall pre-plant or at-seeding nitrogen, and/or early topdressed nitrogen, is also normally needed to supply adequate nitrogen to support head differentiation. This is the stage when head size is being determined, and can begin about 2 weeks before jointing."

Producers should have started the season with a certain nitrogen recommendation in hand, ideally based on a profile nitrogen

soil test done before the crop is planted and before any nitrogen has been applied.

"If some nitrogen has already been applied to the wheat crop, it's too late to use the profile nitrogen soil test since it's not reliable in measuring recently applied nitrogen," Mengel says. "Topdressing should complement or supplement the nitrogen applied in the fall, with the total application amount equaling that targeted rate."

Mengel adds that if the wheat was grazed through the fall and winter, producers should add an additional 30 to 40 pounds of nitrogen per acre for every 100 pounds of beef weight gain removed from the field. If conditions were favorable for heavy grazing, additional nitrogen may be necessary.

Feeding the world

Continued from page 1

ways to support that research and that we don't create unfounded social and political impediments to research and development," Schroeder said. "If we create political and social barricades to food production technology development, we'll ultimately not only need a reduced global population growth rate, but we'll also need a reduced population, period. At some point we'll have exhausted our potential to produce given fixed resources, and food prices will be so high that people will rebel — and not

just in poor countries."

Schroeder's message to beef producers is a positive one. He said that a world population that's growing — and growing increasingly wealthy — will demand more beef. Moreover, new beef production technologies can increase and improve beef's position in future diets around the world.

"Beef is a huge winner, because when incomes grow, people want meat proteins," Schroeder said. "And there's a strong direct relationship between income per capita and beef consumption per capita."

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1975 IH 1586 diesel tractor, cab, air, heat, 3 point, triple hyd, 20.8-38 radial tires, new TA, front weights; axle mount duals; 1970 IH 856 diesel tractor, cab, air, heat, 3 point, wide front, MW turbo, dual hyd, like new 18.4-38 tires; 1965 IH 706 diesel tractor, wide front, 2 point, dual hyd; 1955 IH 300 gas utility tractor new TA, 2 point, hyd; 1949 IH M tractor narrow front, live hyd; 1970 IH 815 gas combine, Grain & Mazes Special V8 engine, new hydro, 18' header; IH 16' bean header; IH 18' header; straw chopper for 815; 23.1 rice tires on IH wheels; IH 815 combine for parts; 16' JD pickup reel; 8.25-20 combine tires.

TRUCKS
1974 Chevrolet C65 tandem tag axle truck, 366 engine, 5 sp, 2 sp, 20' steel bed w/hoist, 51" sides, roll over tarp, 900-20 radial tires; 1962 Chevrolet

C60 truck, 350 engine, 4 sp, 2 sp, 13.5 wood bed w/hoist, 40" sides; 1958 Chevrolet C60 truck, 261 big 6 engine, 4 sp, 2 sp, 13.5 wood bed w/hoist, metal floor; spare tires for trucks; 1961 Chevrolet Apache 10 pickup 4 speed big 6 engine complete not running; 1958 Chevrolet Apache 32 long wide bed 6 cy, no transmission not running.

MACHINERY
John Deere 235 double offset 22' disc good blades; Krause 12' 2465 offset disc; John Deere 8350 drill 20-8; John Deere 7000 pull type 6 row planter insecticide & monitor; IH 46 field cultivator 25"; Krause 12' pull type chisel; New Holland 276 twine baler; John Deere 3 pt. 630 cultivator; NH 30 bale wagon; 4 flat bed 4 wheel trailers; IH 550 semi mount plow 5-16; IH 550 semi mount plow 5-14; MM 16-8 grain drill; IH 4-16 plow

for parts; 4 weeder's; 2 drill fill augers; 6" 40' PTO auger; 4" 16' auger w/motor; 4" 12' auger w/motor; 5" 12' auger; 2 David Bradley wood box manure spreaders; shop built detacher; 2 wheel round bale carrier; 2 row mounted lister & cultivator; loader for H tractor.

TOOLS & OTHER
DEK 650 generator electric start new; Stihl 032AV chain saw; 400 gal polly tank; assortment hand tools; ¾" socket set; tank heater; 100 lb propane bottles; wire cattle panels; 300 gal gas barrel; 100 T posts; 200 electric fence posts; 3 pickup fuel tanks; pickup tool box; hyd cylinders; grain tester; pump jack; IH fast hitch to 3 pt converters; IH combine parts; set fenders for M tractor; set saddle tanks; Estate riding mower w/electric start; assortment used tires.

Note: The tractors, combine & trucks have been shedded and are in good condition. There will be 2 small trailer loads of tools, we will be on machinery early. Clair is retiring, the machinery is in good condition. Clair's telephone number is 785-732-6458. Lunch on Grounds

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GRASS & GRAIN Our Daily Bread

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

Alice Sperflage, Sabetha, Wins Recipe Contest And Prize For The Week

Winner Alice Sperflage, Sabetha: "This is one of my family's favorite soups."

BAKED POTATO SOUP

- 2/3 cup butter or margarine
- 2/3 cup all-purpose flour
- 1 teaspoon chicken bouillon granules
- 7 cups milk
- 4 large baking potatoes, baked, cooled, peeled & cubed (about 4 cups)
- 4 green onions, sliced
- 12 bacon strips, cooked & crumbled
- 1 1/4 cups shredded cheddar cheese
- 1 cup (8 ounces) sour cream
- 1/4 teaspoon salt
- 1/2 teaspoon pepper

In a large soup kettle or Dutch oven, melt the butter. Stir in flour; heat and stir until smooth. Gradually add milk, stirring constantly until thickened. Add potatoes, onions and chicken bouillon granules. Bring to a boil, stirring constantly. Reduce heat; simmer for 10 minutes. Add remaining ingredients. Stir until cheese is melted. Serve immediately. Yield: 8 to 10 servings.

NOTE: To reduce fat, substitute "light" margarine, skim milk, turkey bacon, low-fat cheese and "light" sour cream.

Mary Longren, Holton: "If you like bread pudding this recipe is a keeper. It is equally good hot or cold."

BREAD PUDDING

- 1 can sweetened condensed milk
- 3 cups hot water
- 1 tablespoon butter
- 3 eggs
- 1/2 teaspoon salt
- 1 teaspoon vanilla
- 1/4 cup sugar
- 2 cups bread, cubed
- 1/2 cup raisins (optional)

Mix ingredients together and pour into a greased 1 1/2-quart casserole dish. Place dish in a pan of water. Bake at 350 degrees for 1 hour.

Janene Wiebe, Durham: "This is delicious served with Caesar salad and bread."

- ### CAJUN CHICKEN PASTA
- 3-4 boneless chicken breasts, cut in strips
 - 2 teaspoons cajun seasoning (adjust to your taste)
 - 2 tablespoons butter

- 8 slices green pepper
- 8 slices red pepper
- 2 green onions, sliced
- 2 cups whipping cream
- 1/4 teaspoon dried basil
- 1/4 teaspoon lemon pepper
- 1/4 teaspoon salt
- 1/8 teaspoon garlic salt
- 1/8 teaspoon pepper
- 8 ounces pasta, cooked (linguine, penne, mostaccioli, your choice)

Toss chicken with cajun seasoning; saute in butter. Add peppers and onions; saute 2 to 3 minutes. Reduce heat; add cream and seasonings. Heat thoroughly but do not boil. Toss with pasta. You may serve with mozzarella or fresh grated Parmesan cheese.

Mona Pennington, Ottawa: "My sweet tooth and love of cooking come from my mother, Beth Slankard. Her memory forever locked in my heart, I would like to share her Fresh Apple Cake recipe."

FRESH APPLE CAKE

- 2 cups sugar
- 1 cup shortening
- 2 eggs
- 2 cups flour
- 2 teaspoons soda
- 1 teaspoon cinnamon
- 1/2 teaspoon salt
- 4 cups grated apples
- 1 cup nuts

Topping:
1 cup brown sugar
3 tablespoons cream
3 to 4 tablespoons butter
Cream sugar and shortening together then add eggs. Sift together flour, soda, cinnamon and salt and add to sugar mixture. Add apples and nuts. In a greased pan, bake at 350 degrees for 45

minutes. For topping, bring ingredients to a boil in a saucepan. Pour onto cake and put back in oven for 5 minutes.

Sandra Norris, Abilene, shares the next two recipes:

- ### SHAMROCK PUNCH
- 5 packages lime drink powder mix
 - 5 cups sugar
 - 3 cups water
 - 2 cans frozen lemonade
 - 1 large can pineapple juice
 - 2 quarts ginger ale

Dissolve powder mix and sugar in water, add lemonade and pineapple juice. Add ginger ale just before serving, chill with green ice ring or ice cubes. Yield: 1 1/2 gallons.

ST. PAT'S FUDGE

- 2 cups sugar
- 1 cup milk
- 1/2 teaspoon salt
- 1 tablespoon margarine
- 1 teaspoon vanilla
- 1/2 cup marshmallow creme
- 1/2 cup chopped green candied cherries
- 1 cup chopped pecans

Combine sugar, milk and

salt in buttered 2 quart sauce pan. Bring to a boil stirring constantly, lower heat. Cook to soft ball stage, 238 degrees on candy thermometer stirring only if necessary. Remove from heat, add vanilla, beat until mixture holds shape. Add marshmallow creme, beat until thick. Stir in cherries and pecans. Spread in buttered pan, cut into squares. Yield: 2 dozen squares.

Gin Fox, Holton: "Who among us doesn't love a chunk of warm bread, right out of the oven? And how about homemade bread that doesn't take a lot of time?"

IRISH BREAD

- 2 cups white flour
- 1 1/2 cups whole wheat flour
- 1/2 cup oat flour
- 1 teaspoon salt
- 1 teaspoon baking soda
- 2 cups buttermilk
- 1 egg, lightly beaten

Preheat oven to 425 degrees. Sift flours, salt, and baking soda in a large mixing bowl. Make a well in the center of the flour mixture.

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Kellee Rogers, Topeka:
STRAWBERRY PIE
 1 cup plus 1 tablespoon sugar, divided
 2 tablespoons cornstarch
 4 cups fresh halved strawberries, divided
 1/4 cup water
 8-ounce package cream cheese
 1 teaspoon lemon zest
 1 Oreo chocolate readymade crumb crust

In a saucepan combine 1 cup sugar, cornstarch, 2 cups strawberries and water. Cook over medium heat, stirring constantly until mixture thickens and boils, stirring for 1 minute; cool. In a bowl combine cream cheese, remaining 1 tablespoon sugar, 1 tablespoon strawberry liquid and lemon zest. Whisk until smooth. Spread cream cheese mixture evenly in crust. Chill until ready to use. Stir remaining 2 cups fresh strawberries into strawberry liquid. Using a slotted spoon, arrange strawberries over cream cheese. When serving drizzle strawberry liquid over each slice.

Mona Jean Newbury, Junction City:
 Reprinted from the 1959 United Methodist Church cookbook. Mrs. Earl Berry
RANGER
COCONUT COOKIES
 1 cup white sugar

1 cup brown sugar
 1 cup shortening
 2 eggs, beaten
 2 teaspoons vanilla
 1/2 teaspoon baking powder
 2 cups Toasties or Grape Nut Flakes
 1 cup chopped nuts (black walnuts are best)
 1 teaspoon soda
 1/2 teaspoon salt
 2 cups flour
 1 cup coconut
 3 tablespoons milk
 Combine sugars and shortening then mix in remaining ingredients. Drop onto cookie sheet then press down with a fork dipped in water. Bake at 350 degrees for 10 to 15 minutes.

Sandy Hill, Eskridge:
HEALTHY STRAWBERRY SHORTCAKE SQUARES
 3 cups Bisquick Heart Smart mix
 1 cup sugar
 2 tablespoons canola oil or 1/4 cup unsweetened apple sauce
 1 cup fat-free skim milk
 2 teaspoons vanilla
 1 whole egg
 1 egg white
Topping:
 6 cups sliced fresh strawberries
 2 tablespoons sugar
 2 tablespoons water
 1 teaspoon lemon juice
 8-oz. container frozen reduced-fat or fat-free whipped topping, thawed

Heat oven to 350 degrees. Spray bottom and sides of a 9-by-13-inch pan with cooking spray. In a large bowl beat cake ingredients with electric mixer on low speed for 30 seconds, scraping bowl occasionally. Pour into pan and bake 30 to 35 minutes or until toothpick inserted in center comes out clean. Cool completely, about 1 hour. In a medium bowl mix strawberries, 2 tablespoons sugar, the water and lemon juice. Cover and refrigerate 30 minutes to 1 hour. To serve, cut cake into squares, place on individual dessert plates. Top each serving with strawberries and whipped topping. Serves 15.

Millie Conger, Tecumseh, shares the following two:
STRAWBERRY MUFFINS
 1/2 cup butter, softened
 4 large eggs
 1 1/2 cups sugar
 1 teaspoon vanilla
 3 1/2 cups flour, divided
 1 teaspoon baking powder
 1/2 teaspoon baking soda
 1/2 teaspoon salt
 1/2 teaspoon lemon zest
 1 cup whole buttermilk
 2 cups fresh strawberries, coarsely chopped
 1 cup cold butter, cut into small pieces

1/2 cup brown sugar
 1/2 cup quick cooking oats
 Preheat oven to 350 degrees. Line (2) 12-cup muffin pans with paper liners. In a bowl beat 1/2 cup softened butter with sugar until fluffy. Beat in eggs and vanilla. In a bowl combine 3 cups flour, baking powder, baking soda, salt and lemon zest. Gradually add flour mixture to butter mixture alternating with buttermilk, beating until smooth after each addition. Fold in fresh strawberries. Spoon batter evenly into prepared muffin cups. In a bowl, and using hands, combine cold butter, remaining 1/2 cup flour, brown sugar and oats until mixture resembles coarse meal. Sprinkle oat mixture evenly over strawberry batter. Bake for 15 minutes or until toothpick inserted in center comes out clean. Let cool in pans for 10 minutes. Remove from pans and cool completely on wire racks. Serve with strawberry butter.

Strawberry Butter:
 1 cup butter, softened
 1/4 cup strawberry preserves
 Combine, stirring until smooth.

MIXED NUT BARS
 1 1/2 cups flour
 3/4 cup brown sugar

1/4 teaspoon salt
 1/2 cup plus 2 tablespoons cold butter, divided
 11 1/2-ounce can mixed nuts
 1 cup butterscotch chips
 1/2 cup light corn syrup
 In a bowl combine flour, sugar and salt. Cut in 1/2 cup of butter until mixture resembles coarse crumbs. Press into a greased 9-by-13-inch baking pan. Bake for 10 minutes at 350 degrees. Sprinkle with nuts. Melt butterscotch. Add corn syrup and remaining butter and mix well. Pour over nuts. Bake for 10 minutes.

 Two more from Sandy Hill, Eskridge:
QUICK TACO
MACARONI & CHEESE
 1 pound ground beef
 1-ounce package Lawry's Taco Spices & Seasoning
 1-pound package large elbow macaroni, cooked & drained
 4 cups (16 ounces) shredded cheddar cheese
 2 cups milk
 3 eggs, beaten
 In a medium skillet, brown ground beef and drain fat. Stir in taco seasoning. Spray a 9-by-13-inch baking

dish with nonstick cooking spray. Layer half of macaroni in bottom of dish. Top with half of cheese. Spread taco meat over top and repeat layers of macaroni and cheese. In a medium bowl beat together milk and eggs. Pour egg mixture over top of casserole. Bake in a preheated 350-degree oven for 30 to 35 minutes or until golden brown. Makes 6 to 8 servings.

NOTE: For a spicier flavor, try using Lawry's Chili Spices & Seasonings.

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COUNTRY CASSEROLE
 3 potatoes, sliced
 2 stalks celery, chopped
 1 pound ground beef, browned
 1 onion, chopped
 14 1/2-oz. can diced tomatoes
 1 green pepper, sliced
 Garnish: bread crumbs
 Layer all ingredients (except bread crumbs, in order, in a lightly greased 9-by-13-inch baking pan. Cover and bake at 325 degrees for 1 hour. Sprinkle with bread crumbs, return to oven for 5 to 10 minutes until golden. Serves 6 to 8.



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Worker bill includes biodiesel credit

The American Soybean Association (ASA) is urging the U.S. Senate to pass H.R. 4213, the American Workers, State and Business Relief Act, which includes retroactive extension of the vital biodiesel tax credit. The biodiesel tax credit expired on December 31, 2009 and its retroactive extension is urgently needed to save the 23,000 jobs that the industry supports. Following the successful cloture vote, the Senate should move to quickly pass the bill and seek agreement with the House on a final bill that can be passed and signed into law as soon as possible.

"Expiration of the biodiesel tax incentive has essentially caused the production and use of biodiesel in the U.S. to cease and has placed thousands of jobs currently supported by the

domestic biodiesel industry in immediate jeopardy," said ASA President Rob Joslin, a soybean producer from Sidney, Ohio. "Companies have already started laying off employees, and this situation is certain to worsen the longer the tax incentive is allowed to lapse."

Biodiesel has provided a significant market opportunity for U.S. soybean farmers, as well as jobs and economic development for rural communities, and helps reduce our nation's dependence on imported petroleum. Production of biodiesel supports higher prices paid to farmers for their soybeans, which provides employment opportunities in both urban and rural communities.

The biodiesel tax incentive, which is structured as a federal excise tax credit, amounts to a penny per per-

centage point of biodiesel blended with petroleum diesel. The incentive makes biodiesel more competitive with petroleum diesel, and lowers the cost of biodiesel to the end consumer.

"Biodiesel has the best energy balance and the best greenhouse gas reduction of any fuel that is currently in the commercial marketplace, and biodiesel is the only advanced biofuel that has reached commercialization in the United States," Joslin said. "Biodiesel is a home-grown renewable fuel and an excellent way for America's soybean growers to boost U.S. energy security, promote economic development and improve the environment."

ASA urges Congress to enact a retroactive extension of the biodiesel tax credit as soon as possible."

Farm groups express concern to Kansas City livestock show

KLA Executive Vice President Dee Likes was part of a group of beef breed and trade organization leaders who met with the American Royal Executive Committee earlier this week to discuss the show's surprising new emphasis on locally grown and raised food. Beef leaders expressed concerns about the Royal's Good Food Good Futures Institute. Spokespersons for the institute have expressed the need to "reorganize agriculture" by moving away from conventional production and more toward natural, organic and more environmentally sustainable operations.

The beef groups told American Royal

leaders mainstream ranchers and feeders don't oppose natural, organic or locally produced systems, but are concerned when marketers disparage conventional meat and agricultural products in an effort to create differentiation.

These are growing segments of agriculture, but represent only a single digit percentage of food production. Beef executives emphasized farmers and ranchers involved in conventional agriculture, which includes most producers, will be challenged to meet projections that food production needs to double by 2050 in order to feed the expected growth in world population.

ANTIQUA AUCTION

SUNDAY, MARCH 28 — 10:00 AM

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COLLECTIBLES

Seth Thomas short drop regulator clock; Gilbert kitchen clock; assortment pictures inc.: (Don Greytak prints, Cowboy oil painting, 3 Red Skelton clowns, Currier & Ives prints, Gleaners, Lone Wolf, other; signs inc.: (Diamond Tires, State Express cigarettes, yellow Coke, large Coke, 50's framed 7 Up & Wildroot cardboard ads); Budweiser clock; Mail Pouch thermometer; Coke items inc.: tray, carrier; Pepsi cooler; Timex display; Kendall 5 gal oil can; 5 gal RW crock; KoRec chicken feeder; blue crock bowl; Dryden calendar; glass Sana Fount chicken water; post cards; viewer

cards; Toys inc.: Wyandotte truck, Tonka 55 fire truck, Ford 55 Gambles semi, Jeep, Struckto Refrigerated Express, sand loader, Sears semi, IHC roll back truck, Wyandotte 1933 World Fair racer, steam shovel, 50 Dodge cab over, Buddy L camper, Hubley MG, Daniel Boone spinning wheel, Little Chef child's stove, 1/16 toy tractors inc. (JD hi post B, 60, 3010, 3020, 5020, 7520, 12A combine, 110 lawn: True Scale mower, disc, spreader, elevator: AC 190, WC plastic: IH 1586, 2388 combine: MH 44, Slik Oliver 70, MM, Cockshut lawn & garden), die cast Nascar & Mobil; 30 dolls inc.: (older Barbie's, Shirley Temple, 4 Madame Alexander); 12 Raines Kiss The Right Shoe; comic books; large assortment of costume jewelry; assortment antique info books; banjo; paper advertising; farm manuals; magazine truck ads 40's -60's; owners manuals (21 Ford model T, 41-47 Pontiac, 46 Buick, 51 Chev, 68 Torino, 37 Ford truck, other; ser-

vice manuals 29-55 Chev, 29-56 Chev; show room brochures 60's -70's (Ford, Chrysler, AMC, GM); glass inc.: pink Miss America plate, other pink depression; 2 Waterford vases; Delft vase; Shawnee Smiley pig cookie jar; Dresden bowl; Art pottery; Fiesta (relish, mixing bowl, vase, other); 30's custard butter, creamer & sugar; Pyrex bowls; cups & saucers; milk glass lamp; assortment of other glassware; steins; beer mirrors; collector plates; Noma Christmas lights; Dazey 40 churn; 50's Monarch ladys bike; cultivator; coaster wagon; Winchester meat grinder; wash tub; DeLaval glass jugs; tools; 1000's sports cards; KU & KS snowman wreaths; Harley backrest; M & M items; Bud box; advertising tins; pencils; kitchen ware; knives; sheet music; price guides; coins inc.: silver dollars 21, 23, 26; 1889 1902, 04, 09 V nickels; other coins; foreign coins; assortment of other items.

Note: We have combined 5 collections. This will be a large auction. We will run 2 auctions selling jewelry at 12:00 noon. Check our web site for pictures at www.thummelauction.com.

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BASIC GUIDANCE SYSTEMS: 10-11:30am
HORSEMANSHIP CLINIC: 10-11:30am
ADVANCED GUIDANCE SYSTEMS (RTK): 1:30-3:00pm
HORSEMANSHIP CLINIC: 3:00-4:30pm

THURSDAY, MARCH 25

CONVERTING CRP TO CROPLAND: 10-11:00am
HORSEMANSHIP CLINIC: 10-11:30am
CONVERTING CRP TO PASTURE OR HAY: 1:30-2:30pm
HORSEMANSHIP CLINIC: 1:30-3:00pm

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Keep an eye on stored grain this spring

Some farmers didn't get their grain dried this fall and winter. Now that temperatures are rising and spring is just around the corner, farmers need to be vigilant about keeping an eye on their stored grain, University of Nebraska-Lincoln specialists say.

Tamra Jackson, UNL plant pathologist, said it is still important to watch for grain molds and ear rots in stored grain.

"Many producers harvested when moisture was high," she said. "The best way to stop those molds is to dry down grain."

However, those who had to rely on natural air drying

were not able to dry down their grain last fall, said Tom Dorn, UNL Extension educator in Lancaster County.

Although cold temperatures likely stopped fungi growth this winter, Jackson said, once temperatures get above freezing fungi will continue to grow and reduce grain quality.

Jackson said observing temperature and looking at grain frequently is key as temperatures rise.

She has heard that some farmers are seeing a white, moldy crust forming over the grain. Fusarium and Diplodia have been the most common culprits.

Some of these fungi can produce mycotoxins, such as fumonisin. While fumonisins are especially harmful to swine, cattle are less susceptible. So selling grain to a feedlot might be one avenue in which to sell moldy grain.

Dorn hopes as temperatures rise this month producers can put some natural air through the grain.

Dorn suggests using a temperature probe to take grain temperatures near the bin wall about every 20 feet around the outside of the bin and a couple of places near the middle of the bin.

"If there is more than a 10 degree difference in tem-

perature between any two spots in the bin, run the aeration fan long enough to push a temperature front through the entire grain mass," he said.

Farmers that do not have a temperature probe can test for signs of heating by turning on the aeration fan and leaning into the access hatch or by climbing into the bin, Dorn said.

"If air hitting the face feels warmer than expected, you detect a musty odor or condensation is forming on the inside surface of the bin roof on a cold day, continue to run the fan long enough to push a tempera-

ture front through the bin,"

he said. "If the bin is equipped with a stirring system, run two or three rounds to break up hot spots and equalize the moisture throughout the grain mass."

"If the warming signs are present, and the bin is not equipped with a stirring system, pull a load or two out of the bin and monitor the condition of the grain coming out of the auger. If you detect heating, run the aeration fans to cool and dry the grain if air properties allow. Or, you can market the grain."

Dorn also recommends leveling the grain surface if the remaining grain will be left in place.

For corn that is above 15 percent moisture that will

continue to be held in the grain bin on the farm, Dorn recommends to finish drying it to a safe moisture content.

"The first objective is to warm grain that was cooled in late fall to preserve it during the cold months," he said.

Grain should be warmed in stages by running a warming front through the bin when outside air temperatures are 10 to 12 degrees higher than the grain temperature.

For more information on when to run an aeration fan to dry the corn, visit Crop Watch, UNL Extension's crop production newsletter, or for more information on molds watch "Market Journal", archived online.

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R & L BIG DADDY 9011
REG:16450470

Sire: BC Big Daddy 702-5
MGS: Hyline Right Time 338
bw | ww | yw | m | marb | re | \$b
2.0 | 62 | na | 20 | .29 | .32 | na



R & L BASELINE 9020
REG:16455704

Sire: DCC Baseline 511
MGS: SA V 8180 Traveler 004
bw | ww | yw | m | marb | re | \$b
3.3 | 48 | na | 20 | .08 | .11 | na

R & L ANGUS

HR



R & L MARATHON 9028
REG:16450469

Sire: BC Marathon Black Bird 306-6
MGS: BR Midland
bw | ww | yw | m | marb | re | \$b
3.3 | 59 | 93 | 20 | .35 | .23 | 42.76



R & L BIG DADDY 9013
REG:16450471

Sire: BC Big Daddy 702-5
MGS: Kahn Broadband R A 94L
bw | ww | yw | m | marb | re | \$b
1.4 | 60 | na | 21 | na | na | na

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Proper use, maintenance critical for the health of septic systems

Ah, the allure of country life. Wide-open spaces and the appeal of less traffic have inspired many a family to move beyond the city limits. And if you live in the country, chances are you have an onsite wastewater treatment system.

"When living in the country, septic systems or other onsite wastewater treatment systems are the norm," said Kansas State University scientist DeAnn Presley. "In 2007, the EPA reported that an estimated

20 percent of total U.S. housing units were served by septic systems. Of these, 50 percent were in rural areas, 47 percent were in suburbs, and 3 percent were found in central cities."

Most of these systems consist of a septic tank and some type of soil treatment area, said Presley, who is a soil management specialist with K-State Research and Extension. The soil treatment area typically contains gravity laterals or a

drip field.

"Whatever soil treatment is used, consideration should be given to the fact that anything placed down the drain potentially could be detrimental to the function or components of the septic system or to groundwater quality," she said.

For a homeowner to understand why certain items are a problem, it's helpful to explain how the systems work. Three layers develop in the tank.

The bottom layer is the solids (sludge), which settle out in the tank. The middle is partially clarified water, or effluent. The upper layer consists of floating scum, including fats, oils and greases (FOG). Only the effluent from the middle layer should enter the soil absorption field because solids and scum eventually plug the oil pores and lead to slower rates of absorption and potential system failure. There are two categories of items that should not be put into a septic system: "Cloggers" and

"Killers," Presley said.

Cloggers include diapers, cat litter, cigarette butts, baby wipes, coffee grounds, grease and feminine hygiene products, all of which can contribute to a buildup in either the sludge or FOG layer. Therefore, they should never be flushed or put down a drain. It is not a good idea to put large quantities of food waste at one time into an onsite wastewater treatment system as this can cause the sludge and/or FOG layer to build up more quickly, and adds more biochemical

oxygen demand on the beneficial microbes in the onsite wastewater treatment system.

Killers include household chemicals, gasoline, oil, paint, pesticides, antifreeze and unused prescription medications.

Remember that onsite wastewater treatment systems treat wastewater—they do not dispose of water. If strong chemicals are added to the system, they might temporarily kill off beneficial microorganisms, resulting in little or no treatment of the wastewater.

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 20 REPLACEMENT FEMALES

Lot 18
 A 2-23-09 son of BVC Poundmaker 752. BW 72 lbs., 205 WT. 797 lbs., WWR 109, 365 Wt. 1258 lbs., YWR 104
 Adj. Scan Data: IMF 5.67, ratio 111, REA 12.8, Rib Fat .26, Rump Fat .43.
 BW I+4.9, WW I+50, Milk I+21, YW I+87

Lot 28
 A 2-22-09 son of Sitz Foresight 8846. BW 85 lbs., 205 WT. 805 lbs., WWR 110, 365 Wt. 1245 lbs., YWR 103
 Adj. Scan Data: IMF 5.75, ratio 113, REA 15.4, ratio 115, Rib Fat .36, Rump Fat .35
 BW +2.8, WW +54, Milk +22, YW I+84

FEATURED SIRES
 Mytty In Focus, Woodhill Foresight, Connealy All Around, BVC Homegrown 651, BVC Poundmaker 752, Sitz Foresight 8846, BVC Coalition 754, TC Traveler 236, Barretts 3711 of 4168 RT, Baldrige Nebraska 901, BVC Traveler 14 & More

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REAL ESTATE AUCTION

TUESDAY, MARCH 30 — 10:00 AM
 Auction will be held at the Kountry Kafe in MILTONVALE, KANSAS

TRACT I: SW ¼ 16-9-2 Ottawa Co. Kansas
 160 acres with 110 broke acres, 43.27 hay acres, balance creek. Base acres are Wheat 102.6; Oats 1.0; Milo 2.1; Beans 4.7. 2009 taxes were \$1,149.52. There are no crops planted. Possession will be upon closing. There is a right of way easement for neighbor to get to field.

TRACT II: SE ¼ SE ¼ 17-9-2 Ottawa Co. Kansas
 40 acres with 30 broke acres, balance creek.

TRACT III: NE ¼ 26-8-2 Cloud Co. Kansas
 160 acres with 97.37 acres CRP, payment is \$3,799.00, this is the last payment. 51 acres pasture, 4.84 hay acres, balance waterways & waste. 2009 taxes were \$879.62. Possession will be upon closing. Purchaser will receive the CRP payment for 2010.

THE NEXT 2 TRACTS WILL BE SOLD AT THE LEGION IN CONCORDIA, KS • 1:30 P.M.

TRACT IV: NW ¼ SE ¼ 4-7-3 Cloud Co. Kansas
 37.84 acres with 5 acres CRP, payment is \$195.00, this is the last payment. Balance is pasture & creek. Possession will be upon closing. Purchaser will receive the CRP payment for 2010.

TRACT V: W ½ E ½ SE ¼ 4-7-3 Cloud Co. Kansas
 Approximately 28 acres with 19.7 acres CRP, payment is \$768.00, this is the last payment. Balance is pasture & creek. Possession will be upon closing. Purchaser will receive the CRP payment for 2010.

TERMS: 10% of purchase price as down payment day of auction, the balance will be due upon closing on or before April 1, 2010. Purchaser will pay all of 2010 taxes. Title insurance will be used, the cost will be split 50/50 between seller & purchaser. All statements made day of auction take precedence over printed material. Thummel Real Estate & Auction LLC is acting as seller agent.

Note: For ASCS map check our web site at www.thummelauction.com.

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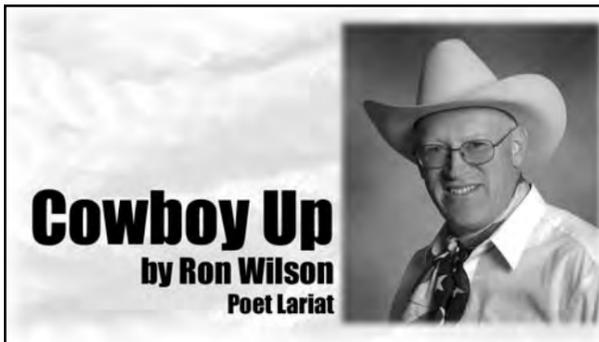
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 2004 Ford Ranger FX4 4x4, 51K \$13,995	 2008 Ford F150 Reg. Cab XL, Long Bed, 8,100 miles. \$15,721
 2004 Ford F350 Diesel, Dually, 4x4, 70K miles. \$24,995	 2007 Dodge Ram 1500 Laramie, 4x4, 29K \$21,995

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Does Bo know horses?

Remember Bo? There are several Bo's that you might recall. When I hear the name "Bo," it brings to mind several characters bearing that name (not counting my 17 cousins in Georgia named Bo. Must be an all-purpose Southern name).

The first Bo who comes to mind is Bo Derek. She

was a movie star of sorts back in the 1970s. Wasn't much of an actress but was drop-dead gorgeous. On a scale of 1 to 10, she was a perfect 10 - which was the name of her one and only successful movie.

The next Bo I think of is Bo Jackson. In football, he won a Heisman Trophy as a running back at Auburn

and went on to play professional baseball for the Royals. He was such a great multi-sport athlete that Nike started an ad campaign called "Bo Knows...", which had him trying tennis, golf, and a bunch of goofy sports.

Of all the Bo's I know of, my favorite Bo is my Quarter Horse gelding. (He was named Bo before I got him.) Bo is a nice looking, 15 hand sorrel gelding with a white star, strip, and snip. Of all our horses, he is the best. He is smart and even-tempered, easy to use and he loves to take the bit.

One of the neatest animal stories of 2009 was about the new dog at the White House. During the presidential campaign, Barack Obama (whose initials spell BO, by the way) promised his 7 and 10-year-

old daughters he would get them a dog. There was a great controversy about what breed they might choose or whether they would get him at a pet shelter. Finally, they got a Portuguese water dog. His name? Bo.

Personally, I think they should have gotten a horse. Years ago, my wife and I went to a horse show where we watched gorgeous horses, horse trailers, and fancy tack roll in. It was obvious that the owners had spared no expense on these horses. We just shook our heads. I said to her, "These horse people are crazy....and I want to be just like them." Since then we've had the opportunity to work with lots of good folks who share equine interests, such as Pattie Stalder at the Kansas Horse Council. Horse folks

are special people. Bo Jackson may not know the following, but horse people do.

You know you're a horse person if you know that

- a horse's "frog" is not his pet amphibian.

- "stable" is not just a condition at the hospital.

- a "hoof pick" is not used for playing the guitar.

- "withers" is something besides what your garden does in the fall.

- a "trailer" is not just a promotional video for a movie.

- a "Paso Fino" is not the passing lane on an Italian highway.

- "stall" is not just a strategy for playing grade school basketball.

- a "Quarter Horse" is not the one plugged in outside of Wal-Mart.

- "throwing a shoe" does

not refer to what your wife does when she's mad.

- a "picket line" is something besides where protesters block a jobsite (and is also the name of a good column in Grass and Grain).

- "mane" is not the street where you used to cruise on Saturday night.

- a red bow on the tail of the horse in front of you at the trail ride does not mean that the horse was a Christmas present.

- "road apples" are not the kind to be made into a pie.

- "lame" is something besides my teenager's description of my horse jokes.

- you have seen the literal meaning of "unbridled joy".

If you have another one-liner about horses, drop me an email at ron@ronscowboypoe.com.

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FARM MACHINERY & EQUIPMENT AUCTION

FRIDAY, APRIL 9 — 10:00 AM

AUCTION LOCATION: From Cedar, KS 5 miles West to C Road then 1 mile South and 1/2 mile West on North side of the road.

TRACTORS

1990 Case International 5130, triple hyd. and 3 pt., 5.9 liter Cummins, 5300 hrs. shuttle trans. good rubber, 16.9-38 tires, SNJJF1000406; 1999 Case International MX120, triple hyd. 106 HP, shuttle trans., 16 sp. Trimble light bar, ground radar, 3 pt., 480/80R38 tire, 2755 hrs., SNJJA0098953; 1994 Case International Magnum 7220 MFWD, 18 sp. 4 hyd. and 3 pt., dual power take-off, long axle, no duals, 18.4R42 rear tire, 380/85R28 front tire, 3050 hrs., SNJJA0054954.

COMBINE, HEADERS & HEADER TRAILER

1996 Case International 2166 AFS axial flow combine, tires front 30.5L-32 rear 14.9-24, 1905 engine hrs., 1521 machine hrs., extra spreader, specialty rotor on combine, SN1811570; 1999 Case International 1063, 6 row cornhead, SNJJC0335556; 1996 25' Case International 1010 combine header with PU reel, SNJJC0202621; combine header trailer for 25' header, shop built.

OTHER FARM ITEMS

1,000 gal. fuel tank with elec. pump; 1100 gal. water tank; 300 gal. tank stand; 120 gal. fuel tank with elec. motor; 300 gal. saddle tank; Danuser post hole digger; drill fill auger; 12' auger; auger tubes; 14' wood feed bunk; welded wire cattle panels; 12 and 14' gates; 30 gal. plastic trash cans; 55 gal. metal barrels; Duetz 2 cyl. irrigation engine; pulling cable; 3 phase 15 hp. elec. irrigation motor; Generac 40 KW/20KW alternator w/PTO; 3 - 2 hp. motors, single phase; Briggs water transfer pump, 5 hp.; PTO

pumps; Rockford PTO clutch for irrigation motor, Model PTA 31062, SN549052; Lincoln 250 arc welder; acetylene and propane gauges; propane radiant heater on stand; cam spray 3 hp. Briggs pressure washer; large assortment of welding rod; assorted sprayer tips.

FARM MACHINERY

Case International 900 Series 6 row cyclo air planter, dry fertilizer, insecticide, SNJJC002-18919; Int. air drums, soybean, irrigated milo and dryland milo and corn; 500 gal. Hardi insecticide sprayer w/45' booms PTO w/controls, SN8910753; 12 1/2' International stock cutter; 25' Sunflower Flex King w/treaders, 5 - 5s; 22' Sunflower disc, 23" front and rear blades Model 1433-22 hyd. tilt, SN1498-009; soil mover No. 75; Hiner 6000, 6 row cultivator w/sweeps and furrowers; Warrior 3 pt. fast hitch; 3 pt. anhydrous applicator w/ hyd. shut off; 3 pt. bale mover; 3 pt. Eversman head ditcher; 17', 3 pt. ditcher; 8' Big ox blade, hyd.; 3 pt. Big Ox 7 shank ripper; International 7100 hoe drill, double w/carrier and hitch, dry fertilizer, 12/10 spacing, SN0390187C001504.

TRUCK & PICKUP

1980 International 1800 truck S Series 9 liter, V8 diesel motor, 18' steel box w/lift, stock racks, 900x20 tires, 72,000 miles; 1985 GMC High Sierra 2500 pickup, 350 truck engine, 67,722 miles, good rubber; 6x16' homemade stock trailer w/title; homemade tandem trailer 99 1/2"x14', elec. brakes and with ramps.

SOME MISCELLANEOUS IRON ITEMS INCLUDING PROPANE & BUTANE TANKS

Nice equipment on this sale, well cared for and maintenance papers will be put with large equipment. Lunch stand provided.

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Here's to the Horse

by Ron Wilson, Poet Lariat

The history of the west, from earliest time
Is based on the wonderful species equine.
The animal of which I speak, of course,
Is that wonderful critter we call the horse.
Without the horse, how would life be changed
For the plains Indian or the cowboy on the range?
The horse is more than a hard-working steed,
He's a faithful companion, a quiet friend indeed.
A trained horse with a good rider at a rodeo,
Makes a team that puts on a great show.
There's nothing better than settin' a saddle
On a trail ride or gatherin' cattle.
So let's all give thanks, through this discourse,
For that wonderful critter we call the horse.

Happy Trails!
© Copyright 2010

Trail cameras prove to be effective for wildlife management

Trail cameras are frequently used by hunters to stake out an area in attempts to getting that trophy buck.

The possibility of getting snapshots of wildlife provoked the idea of using these tools to help in wildlife management practices. When Oklahoma State University Division of Agricultural Sciences and Natural Resources graduate student Valerie Cook was asked to do some deer population research in northwestern Oklahoma, trail cams immediately came to mind.

"Camera surveys are an innovative way to get a more accurate estimate and more insight to what bucks are in your herd, or what the sex ratio looks

like," said Cook, who is now working on her doctorate degree at OSU. "It provides much more insight to your herd composition, rather than just a density estimate."

Private landowners in Woods County, Okla. had concerns that an overabundant deer population may have been depleting the food resources, or heavily browsing on food plants that are seed producers for Northern bobwhites. This is where Cook comes in.

An area of 2,000 acres was established to conduct the research. Ten camera stations were baited every few days beginning 10 days prior to a two-week census period of the northern 1,000 acres. During the census, the cameras col-

lected still frames of deer that triggered the motion sensors.

Following the north census, the same procedure took place for the southern 1,000 acres.

"We wanted to address how many deer were actually there," Cook said.

After the two census periods were completed the data was compiled. Individual branch-antlered bucks were identified, while spike-buck occurrences were counted. These figures added together provided an estimate of the total number of bucks on the 2,000 acres.

Then the doe occurrences were counted; then

the fawns. When compared to the sex ratio, and doe to fawn ratio, an estimate of total deer was calculated. The results showed that, in this given area, there was one deer per 10.5 acres.

The project also included browse surveys, which helped to determine if the deer population was below, at, or exceeding carrying capacity of the habitat.

"The deer population exceeded carrying capacity," Cook said.

Finally, vegetation sampling showed that the deer, while overpopulated, were not causing decrease in seed production of grass and forbs for the quail population.



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ANTIQUA AUCTION

SATURDAY, MARCH 20 — 10:00 AM

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

FURNITURE, PRIMITIVES & COLLECTABLES

See last week's Grass & Grain for complete listing.

NOTE: This is a very nice auction. It is a private collection, they have collected for many years, there are many unusual items. Check our website for pictures at www.thummelauction.com

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COMMERCIAL REAL ESTATE AUCTION

WEDNESDAY, MARCH 17 — 1:00 PM

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Suggested Opening Bid ... \$500,000

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Please see

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for further information.



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RETIREMENT AUCTION

SATURDAY, APRIL 10 — 9:30 AM

1372 "P" Road, Nemaha Co. Kansas

From KELLY, KANSAS, 2 1/2 miles East on 96th Road, 1/4 North on "P" Road From SENECA, KS, Jct 36/63 go 7 miles South on Hwy 63, 4 East on 96th Rd, 1/4 mile North on "P" Rd. From SABETHA, KS., 4 miles South on Y/Acorn Rd, 8 West on Hwy 36, 7 South on "Q" Rd, 1 West on 96th Rd, 1/4 North on "P" Rd.

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harrow; IH 540 Manure spreader w/ gate; JD Grain drill 17 hole, yellow lids, single disk; Case 11' chisel, pull; MF Rotary mower 6', 3 pt.; JD 4 row Cult, 3 pt; JD 12' Easy-Flu; JD Springtooth, 12', 3 pt.; 2-JD tandem disk, 9' & 10'; Big Ox 8', 3 pt. blade; Horse drawn Fresno blade; Old JD steel wheel, manure spreader w/cast seat; Numerous pcs older machinery, needing some work.

LIVESTOCK TRAILER & EQUIPMENT

2003, Titan, 16' GN stock trailer, bull package w/ rubber floor Apache, portable four wheel bale feeder wagon; Paul, cattle scale w/ cage; Calf birth weight scales, New; Cox, 8' double creep feeder; Pride of Farm, creep feeder; 4 ton bulk bin; 2-10' steel feed bunks; Several sq. & rd. big bale feeders; 3-Liquid protein feeders; Tattoo kits; Ear tags; Brisket tags; Few 16' cattle panels; 14' Alley way, 32" alley; Several rolls barb wire; Steel posts; Stock Tanks; Cattle oilers; Other livestock gates, panels, anything to do w/ cattle.

LUMBER & TIN

32- 2x6's, 20'; Approx. 30-sheets, used galv. tin, 12'.

SHOP

Lincoln 225 amp welder; Coleman Air Compressor, 15 gal.; 18" & 24" crescent wrenches; Wall mt. hand driven press drill w/bits; Some antique wrenches; Few forge tools; General run of hand & shop tools.

MISCELLANEOUS

300 gal diesel barrel w/ stand 3-300 barrels w/ stands, gas & diesel; 300 gal. water tank; 2-PU bed, 2 wheel trailers; McCullough Generator, 4000kw; Craftsman chain saw; Dolmar weed whip & tree cutter; Picnic table, 7'; Numerous hub caps, several kinds; Yard & garden tools.

BROME HAY * HAY EQUIPMENT

12-15 bales, 2009 Big bales brome hay w/ seed; NH 492 Swather, 9'; 2000 Gehl 1875 Baler, air over hyd, will make 1,800# bale; JD 640 Hay rake; Harvest King, 6 to 8 bale, bale trailer, ball hitch; 2-Big bale wagons w/ JD 953 & 1014 gears; JD 38 sickle mower.

MACHINERY

Parker 2000 gravity wagon, 200 bu, w/ hyd. auger & tarp; JD 4-16 Semi-mt. Plow; IH 4600 Vibra-shank Cult, 19' w/

Lunch By: Kelly Twilighters 4H Club

AUCTIONEERS NOTE: Due to health reasons, Bill & Darlene have sold most of their crop and pasture land and are moving to Seneca. A complete dispersal of quality black Angus cattle and a close out of their farming operation. You are welcome to spend the day with the Kuhlman's. Roger

BILL & DARLENE KUHLMAN
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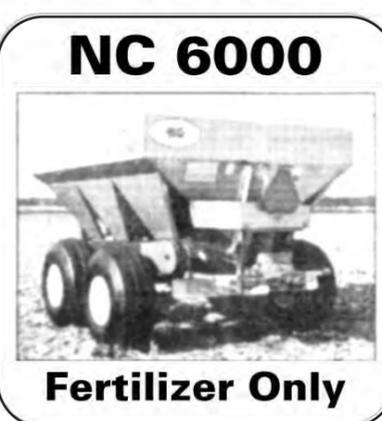
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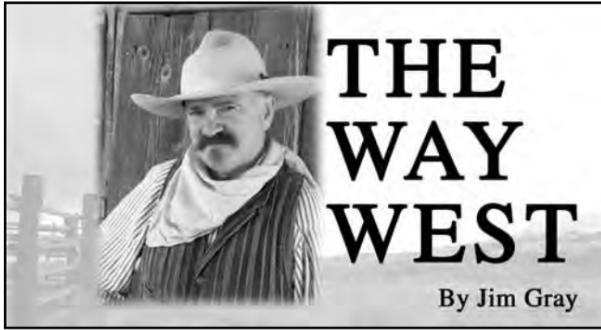
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Trail City

One of the most enduring images of the Old West is that of a great herd of Texas Longhorn cattle snaking its way north over the dusty Chisholm Trail to railroad stockyards at the end of the trail. Hundreds of thousands of cattle walked their way into oblivion, herded by leather-skinned, trail-hardened cowboys whose names have been forgotten to all

but a few disciples of trail history.

Movies and novels have recorded a version of that history, but all too often "tell the tale" with very little respect for reality. There were many cattle trails north. Some of them famous and some have lapsed into the shadows, forever lost in time.

The famous Chisholm

Trail had several branches leading to varying railheads. It eventually gave way to the Western Trail, serving Dodge City, Ellis, Hays, Ogallala and points northward. Folks will tell you that the railheads moved west as the railroad built west, but in reality, the railroad was in Dodge City and Ellis long before they became railheads. The real reason for the drift west was Texas Cattle Fever. As settlers moved west Texas cattle were quarantined and not allowed to trail through the settlements. The westward shift continued until even Dodge City had to give up the trail herds.

The Kansas legislature enacted a strict quarantine on March 7, 1885, closing the entire state to Texas trail cattle. Dodge City businessmen fought back with a plan to survey a "stock trail"

through from the state line to Dodge City. That failed when settlers blocked the trail with a "Winchester barricade." Mart Culver turned his trail herd west along Beaver Creek in today's Oklahoma Panhandle. Others followed the trail that turned north at the western border, driving directly north just inside Colorado. Cowboys called it the National Trail and hoped the federal government would recognize the route as a national cattle highway from Texas to Montana.

In the meantime Mart Culver made plans to establish the new cattle town of Trail City; platted in Colorado at the junction of the Santa Fe Railroad and the

new cattle trail. Travelers still pass through the location on Highway 50 west of Coolidge, just past the Kansas border. Culver drew several Dodge City businessmen into the venture. Texas drover Print Olive invested in both a hotel and a livery business at the location. Trail City was about to become the new Cowboy Capital. By July, 1885, 54,000 head of trail cattle had already marched up Trail Street, Trail City's main street which just happened to be one and the same with the National Cattle Trail.

Trail City was so close to Kansas that the back doors of the business houses on the east side of Trail Street were just inside Colorado.

Empty bottles of whiskey were tossed over the line into Kansas while trail drivers raised their glasses to Mart Culver, the founder of Trail City. The town soon acquired a reputation as the Arkansas Hell Hole.

Every pleasure that a Cowboy desired was found in Trail City. Herds were often held up for days as Cowboys tried their best to "have it all while they could." Trail City seemed to be on the edge of the world. So much so that the sporting girls found little need to bother with clothes at all. Hurrahing the town took on new meaning as mounted Cowboys raced up and down the streets, shooting and yelling with unclad girls

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screaming in delight from the backs of trail worn saddles.

But Trail City's place in time was to be short-lived. The blizzard of 1886 devastated the southern plains cattle industry. The big outfits in Wyoming, Montana and the Dakotas suffered the same fate with the "Big Die Up" in 1887. Settlers swarmed over the cattle trail as Trail City dried up, only to become a footnote along a dimly traveled path we call The Way West.

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

Contact *Kansas Cowboy*, www.droversmercantile.com Box 62, Ellsworth 67439. (785) 472-4703

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Advisors suggest that now is the time to become an entrepreneur

Now is the time to look at entrepreneurship in our economy and get inspiration for your business idea.

Many people want to start their own business. And chances are that this business will be a small business.

In Oklahoma nearly 71,000 business owners have fewer than 500 employees, or 97 percent of the business total. In addition there are more than 270,000 businesses who have no employees with only the owner/manager involved in the business.

Glenn Muske, Oklahoma State University Cooperative Extension interim associate dean, assistant director, family and consumer sciences, said while those numbers sound, and are, significant, what is often

even more impressive is what this means in terms of households who are involved in business ownership.

"It's estimated that one out of every seven or eight households are business owners," Muske said. "Some of these may be classified as family businesses and others may be operating from their home or home-based businesses. Look down your street. This means that perhaps every eighth house has a business owner inside."

What does it mean for the economy?

Muske said family businesses are estimated to generate more than 50 percent of U.S. business revenue and employ more than 50

percent of the labor force. Thus they are a significant and important aspect of our economy.

"But for many, we don't need to convince you to look at business ownership as an opportunity," he said. "Instead your question is what business you should start. There is no 'best' business idea. Whatever you decide to do, it must be something for which you have a passion."

Muske said ideas can come from five possible sources.

1. Previous work experience — You do not need a new idea. Instead you might be able to continue what you have been doing only now you are doing it for yourself. Or does that past

experience provide you with transferable skills that allow you to work in another industry?

2. Hobbies — What a great place to start but in something you enjoy doing already. You again already have a knowledge base and contacts, plus you like the work environment. However, your hobby no longer becomes relaxation but a job. You cannot do it just when you want to. Finally, there may not be a market for it.

3. The "aha!" moment. Something happens or you see something that says you could do a better job or you can develop a product or service that offers the benefits that customers want.

4. Perhaps you can capitalize not on your work ex-

perience but that of a spouse, friend or colleague. Maybe you can combine your skills and abilities to undertake a new idea.

5. Systematic research — Maybe none of the above happen. No problem. You just begin the process of looking. What are upcoming trends in the market? What new businesses are opening in other towns that you might replicate? Where are customers having unmet needs?

To get started, do your homework.

"Ask others about your ideas. Check out the competition. Do some planning to see if there is a market and if you can profitably penetrate the market," he said. "

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GRASS & GRAIN
Auction Sales Scheduled
 check out the on-line schedule at www.grassandgrain.com

March 16 — Wabaunsee Co. land at Eskridge for Charles & Elizabeth McCarter. Auctioneers: The Realty Associates, Mark Uhlik, auctioneer.
 March 16 — Angus Optimum Performance bull sale at Cottonwood Falls for Hinkson Angus Ranch.
 March 17 — Real Estate S. of Scandia for Nesika Energy. Auctioneers: Larry Lagasse Auction & Real Estate.
 March 17 — Real estate at Winfield for former Gordon Piatt Manufacturing plant. Auctioneers: Kull Auction.
 March 17 — Greenwood Co. land at Hamilton for Elizabeth Stitt Farm, LLC. Auctioneers: Platt Auction Co., LLC.
 March 17 — Barber County land at Pratt. Auctioneers: Hamm Auction & Real Estate.
 March 17 — March 17 (bidding starts to close) — Ag equipment online only

(www.purplewave.com) for Raysco Farms. Auctioneers: Purple Wave Auctions.
 March 18 — 21st annual bull production sale W. of Mankato for Benoit Angus.
 March 18 — Montgomery Co. real estate & machinery at Neodesha for Julius Schmidt Estate & Lois Schmidt. Auctioneers: Ken Patterson Auction.
 March 18 — Lyon C. real estate at Emporia for Carl Wilmore Estate. Auctioneers: John Flott.
 March 19 — 9th annual Bull & Female sale at Manhattan for BJ Angus Genetics Production Sale.
 March 19 — 14th annual Angus, Simmental & Sim-Angus genetics bull sale at Maple Hill for Sunflower Genetics.
 March 20 — Real estate, JD A, team of horses, buggy, toy tractors, antiques & misc. S. of Clay Center for Arlond B. Miller Estate. Auctioneers: Clay County Real Estate, Greg Kretz & Gail Hauserman, salesmen & auctioneers.
 March 20 — 31st annual Angus bull & female production sale at Zenda for Molitor Angus Ranch.
 March 20 — Hereford bulls

& females 63rd annual Select Sale at Manhattan for Northeast Kansas Hereford Assn.
 March 20 — Franklin Co. real estate at Princeton for Elmer Stumpff Estate. Auctioneers: Gannon Real Estate & Auctions.
 March 20 — Furniture, primitives & collectibles at Salina for a private collector. Auctioneers: Thummel Real Estate & Auction, LLC.
 March 20 — Tractors, combine, machinery, vehicles, race car, campers, boat, lawn equip., tools, household, antiques, collectibles & misc. at Belleville for Belleville High Banks Hall of Fame & Museum. Auctioneers: Novak Bros. & Gieber.
 March 20 — Farm machinery, vehicles, hunting, fishing, guns & tools at Admire for Estate of Robert "Gene" Moran, Mrs. Norma Moran. Auctioneers: Beatty & Wischropp Auctions.
 March 20 — Truck, landscape equip., tools, landscape supplies & chemicals, glassware, collectibles, office equip. & misc. at Junction City for Horticulture Unlimited & others. Auctioneers: Brown Real Estate & Auction Service, LLC.
 March 20 — Construction equipment at Topeka. Auctioneers: Carlson Auction Service, Inc.
 March 20 — Guns, Snap-On

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 WEDNESDAY, MARCH 24 — 10:30 AM
 Location: From SCOTT CITY, KS. 8 miles south to Rd. 70, 10 miles east to Venison Rd., 3 miles south. From the Scott-Finney Co. line, 7 1/2 miles east, 2 miles north, 2 miles east, 2 miles north.
TRACTORS, SPRAYER & SUPPORT EQUIPMENT
 2001 Spray Coupe 4440, 1,355 hrs., auto., 60 ft. boom, outback steer & mapping, very nice; 2001 B&B Spray Coupe trailer, 17" tires; 2005 Wylie goose-neck nurse trailer, 1,600 gal. tank, shuttle rack, pump, chemical inductor, triple axle; 2010 JD 8320R tractor, 5 hrs., mfw, duals on front and rear, auto track ready, Premium IVT package, 3 pt. pto (New); Auto track FS1 to sell separate; 2008 Red Ball 570 spray unit, 1,200 gal. poly tank, 90 ft. boom, Raven 450 monitor (NEW).
TRUCKS & GRADER
 2000 Peterbilt semi truck, Cat motor, 10 spd. trans. (slick); 1997 Freightliner F1-70 truck w/ 8.31 Cummins motor, Allison auto., Aluick 20 ft. bed & hoist, bed liner, rollover tarp, nice; 1970 Ford LN 600 truck, V-8 motor, 4x2 spd., 18ft. bed & hoist, 900 tires, clean; 1958 GMC truck, 16ft. bed & hoist, air brake; 1951 IHC L160 truck, 16ft. bed & hoist; Cat #12 motor grader.
FARM EQUIPMENT
 2006 Quinstar fallow master, 49ft. w/ pickers; 2000 Quinstar fallow master, 49ft. w/ pickers; (4) 2000 JD 9400 hoe drills, 12", start fertilizer, transports, markers, nice; 2003 20ft. stalk shredder; 2006 Great Plains folding disk drill, 35-4000HD-4810, 40ft., 10" spacings, starter fertilizer, extra "v" closing wheels; 1984 Krause 36ft. chisel plow w/ pickers; Krause 43ft. chisel plow w/ pickers; 1997 Richardson 7x5 sweep plow w/ pickers; IHC Ecolo-till ripper, model 2500B; JD 7300 planter, 12 row, poly boxes, 250 monitor, precision corn update, liquid fertilizer, double disk; Red Ball hooded sprayer, #410, 8-row, 3 pt., 300 gal. tank, used on less than 120 acres; Richardson 9x5 sweep plow, new-style pickers, new tires, new blade; Richardson 5x5 sweep plow w/ Flex-King pickers; IHC 955 cyclo planter, 8-row, trash whippers, monitor, field; ready, nice; Orthman 13-shank ripper, pull type; Krause 20ft. disk; JD 400 rotary hoe, 20ft.; Orthman 7-shank ripper,
 3 pt.; (3) JD LZ hoe drills, 8x12, start fertilizer; Miller 40 ft. rodweeder; Hamby 20 ft. tool bar w/ markers; JD 30 ft. rotary hoes; JD 307 mower, 3pt., 6ft.; JD #115 hydraulic, 9 ft. rear blade, 3 pt.; 10 ft. truck speed mover; 32 ft. shop-built machinery carry all; 16ft. rotary circle harrow; Diamond tool bars; 24ft. springtooth harrow; Krause fertilizer caddy, 50 gal. tank; 16.5 ft. dirt float; My-D Handy 40 ft. rodweeder; JD 30ft. disk #330; Crustbuster 40 ft. folding hoe drill, 10" spacing's.
LIVESTOCK ITEMS
 PTO tail water pit pump, 24"; Danhauser 3pt. posthole digger, extra bit; Round bale feeder; 945 ft. of guard rails; Windmill towers; (2) 11 ft. stock tanks; 9ft. stock tank; Several miles of smooth telephone wire; JD side delivery rake; (19) 7x14 windbreak panels; 8' bucket w/ grapple fork for payloader; Wooden posts
OTHER FARM ITEMS
 (4) 125 gal. poly fertilizer tank (fits 9400 drills); (2) Westfield hydraulic drill fill augers; (2) 12 volt drill fill augers; 28ft. semi-van trailer; Speed King 6"x 41" auger; (3) Krause 6ft. turkey pickers; (5) Krause 5ft. turkey pickers; 124 gal. LP tank; Assorted lumber; Pickup bed for 1998 Dodge 2500, like new; (2) 300 gal. saddle tanks; Telephone poles; Woodsman 29" saw, PTO driven; (8) 110 gal. shuttle containers; 3pt. cement mixer, 1 sack; Sportsman 12ft. aluminum row boat; (2) 24' Carry air reels and blowers; Pipe fittings; Bolts; Repairs; Cylinder stops; Hoses and belts; Tow hitch; 500 gal. propane tank; 200 gal. propane tank; Some tool bar items; 3,600 ft. of 8" PVC irrigation pipe, 30" gates; Pipe trailer; Other shop items.
ANTIQUE VEHICLES
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tools, sporting goods at Douglass for Robert & Connie Dickey. Auctioneers: Chuck Korte Real Estate & Auction Service, Inc.

March 20 — Equipment & oil field equip. near Burrton for Tillie Schrag Trust & Tom Schrag. Auctioneers: Auction Specialists, LLC.

March 20 — Tractors, combines, trucks & equip., toys, mowers & farm related at Goessel. Auctioneers: Van Schmidt Auctions.

March 20 — Farm machinery & sawmill equipment at Americus for Dave Wilmore, Carl Wilmore Estate. Auctioneers: Flint Hills Auction Service.

March 21 — Angus Bull and female sale at Westmoreland for R&L Angus.

March 21 — Farm machinery & livestock equipment E. of Olsburg for Donnie Woodward. Auctioneers: Cline Realty & Auction.

March 21 — 13th annual Performance-Tested Angus bull & female sale at St. Joseph, MO for April Valley Farms.

March 21 — Truck, tools, collectibles & jewelry at Lawrence. Auctioneers: Elston Auction Company.

March 21 — Coins, currency, stamps, collectibles, glassware, cast iron toys, garden & shop tools at Lawrence. Auctioneers: D&L Auctions.

March 22 — Horned Herefords, black Angus & Quarter Horse sale at Dwight for Oleen Brothers.

March 22 — Annual bull sale at Belleville for Runft Charolais.

March 22 — Annual Angus bull & female sale at Salina for Don Johnson.

March 22 — Barber Co. land at Medicine Lodge. Auctioneers: United Country/Nixon Auction & Realty Inc.

March 22 — Barber County land at Medicine Lodge. Auctioneers: Hamm Auction & Real Estate.

March 23 — Brangus & Angus bull sale at Eureka for Genetrust/Suhn Cattle Co.

March 23 — Greenwood Co. land at Eureka. Auctioneers: Sundgren Realty.

March 23 — Washington Co. land at Randolph for Mike Blaske. Auctioneers: Gannon Real Estate & Auctions.

March 24 — Washington Co. land at Greenleaf. Auctioneers: Farmers National Company.

March 24 — Butler Co. land at El Dorado. Auctioneers: Sundgren Realty.

March 24 — Antiques vehicles & farm equip. near Scott City for Mike & Robert Harkness. Auctioneers: Berning Auction.

March 24 — Tractors, skid steer, trucks & vehicles, trailers, haying, farm & harvest equip. online only (www.bigiron.com). Auctioneers: Stock Auction.

March 25 — Red Angus bulls & heifers near Elm Dale for Mushrush-Beckton Red Angus.

March 25 — Marion Co. land at Carlton. Auctioneers: Farmers National Co.

March 26 — Spring machinery auction at Clay Center. Auctioneers: Mugler Auction Service.

March 26 — Farm machinery at Chase for Mr. & Mrs. Carl Ringwald. Auctioneers: Ediger Real Estate & Auction.

March 27 — Annual Angus bull sale & spring calving cowherd dispersal W. of Topeka for Mission Valley Ranch.

March 27 — Farm equipment at Blue Rapids for Bill Hula Estate. Auctioneers: Joe Horigan Auctions.

March 27 — Farm equipment & related items at Junction City for Hartman Consignment Sale. Auctioneers: Brown Real Estate & Auction Service, LLC.

March 27 — Consignments at Lawrence for Galen Douglass Memorial Consignments. Auctioneer: Dale Douglass.

March 27 — Royal Purple Show Pig Sale at Burlington.

March 27 — Farm machinery E. of Agenda for Clair & Donna Trimble. Auctioneers: Thummel Real Estate & Auction, LLC.

March 27 — 11th annual open house & private treaty bull sale at Leavenworth for New Haven Angus.

March 27 — Furniture, antiques, tools, pickup & misc. at Concordia for Glee Larson & Melvin Blochlinger Estate. Auctioneers: Larry Lagasse Auction & Real Estate.

March 27 — Tractors, combines, headers, hay equip., drills & planters, pickups & trucks, trailers, livestock equip., forage harvester, tillage equip., mowers & auger at Madison for Horst Farms & Neighbors. Auctioneers: Hancock Auction & Real Estate.

March 27 — Pickup, car, modern household, new tools, other modern items at Enterprise for Harold "Bud" Lemmons Estate. Auctioneers: Mugler, Reynolds, Geist.

March 27 — Machinery consignments at Holton. Auctioneers: Dan Harris Auction.

March 27 — Tractors, trucks, farm machinery, farm related items & household items near Sedgwick for Clarence & Maxine Shirk. Auctioneers: Van Schmidt Auctions.

March 27 — Vehicles & trailers, tractor, farm machinery & equip., scooter, lawn tractors, tools & misc. at Junction City. Auctioneers: Brown Real Estate & Auction Service, LLC.

March 27 — Sandzen lithographs, fine art, art supplies & materials, antiques & collectibles, household, lawn & garden at N. Newton for Bob & Vernetta Regier. Auctioneers: Wade Brubacher Auction.

March 27 — Cars, trucks & SUVs at Junction City for Gross Wrecker.

March 27 — Coins, guns, watches, hats, tools, furniture, antiques at Augusta. Auctioneers: Sundgren Auction.

March 27 — Shop tools & equip., hand tools, furniture, household, gun & outdoor at Minneapolis

for Connie Hardesty. Auctioneers: Bid-N-Buy Auctions.

March 27 — Tractors & combine, trucks, machinery & tools E. of Agenda for Clair & Donna Trimble. Auctioneers: Thummel Real Estate & Auction, LLC.

March 28 — Antique tools, iron well pumps, hog oilers, farm items, Hesston belt buckles, bells, fishing items & other antique misc. at Enterprise for Harold "Bud" Lemmons Estate. Auctioneers: Mugler, Reynolds, Geist.

March 28 — Wethers & doelings S. of Ford for CLCC Show Goats. Auctioneer: Lonnie Ruff.

March 28 — Furniture & collectibles at Salina. Auctioneers: Thummel Real Estate & Auction, LLC

March 30 — Ottawa & Cloud Co. land at Miltonvale & Concordia for Gladys Heald Living Trust. Auctioneers: Thummel Real Estate & Auction, LLC.

March 30 — Tractors, farm machinery, trucks, trailers, loader at Brownell for Dwight Filbert, Myron Filbert, Duane Filbert, Raymond Fritz. Auctioneers: Stock Auction Co.

April 2 — Club pig sale at Iola for Jeff & Carla Neimeck.

April 2 — Prospect pig & goat sale at Abilene for Wuthnow Family Show Pigs, Garten Boer Goats. Auctioneer: Craig Heinen.

April 3 — Surrey, box wagon, harness, tractor, trailer & tools S. of Council Grove for Don Cress. Auctioneers: Hallgren Real Estate & Auctions, LLC.

April 3 — Club pig sale at Iola for Allen County Community College Farm.

April 3 — Pig, lamb & goat prospects for 4H/FFA at Lyons for Central Kansas Purple Ribbon. Auctioneers: Hollinger Auction & Triple K Auction.

April 3 — Gelbvieh production

continued on page 16

CLCC SHOW GOATS

SPRING SALE

SUNDAY, MARCH 28, 2010 — 2 P.M.

At the farm, 125 spur south of Ford, Kansas. 3 miles south at correction, go west 2 miles to deadend, then south .25 miles to Copelands Goat Palace. Look for CLCC Signs!

30+ Wethers & 25 Doelings








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Viewing at 11:00 a.m.
Lunch served from 12:00 - 1:00 p.m.
Sale begins at 2:00 p.m.
Auctioneer Lonnie Ruff, Hanston, Kansas

6th Annual Royal Purple Show Pig Sale

Saturday, March 27, 2010
Viewing at noon ~ Sale at 2:00pm
Coffey County Fairgrounds
Burlington, Kansas

Sponsored By:
Wildcat Feeds, Scranton
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Kramer Photo, Melvern



2009 Supreme Breeding Gilt, Allen County Fair
Raised by Nemecek



2009 Grand Market Hog, Franklin County Fair
Raised by Flory

consignors:

44 Farms/Jones Show Pigs Melvern	C&L Show Pigs Rossville	Flory Family Farms Overbrook
Nemecek Show Pigs Iola	Kenneth Schulz McCune	Wegner Farms Rossville



2009 Reserve Grand Champion, Butler County Fair
Raised by C & L Show Pigs

Auctioneer: Danny Davis For More Information Call: (620) 341-3191

AUCTION

SATURDAY, MARCH 20 — 10:00 AM
BROWN AUCTION PAVILION, 2323 N. JACKSON
JUNCTION CITY, KANSAS

TRUCK & LANDSCAPE EQUIPMENT: 1984 Ford F-350 460 4 Speed Truck, Ford 460 Engine w/C6 Transmission, King Kutter TG-72 72" PTO Tiller, King Kutter BB-72 72" Box Blade, Snapper 48" Commercial ZTR Walkbehind Mower4 w/Sulkey & Bagger, Toro 48" Pull Behind Mower, Toro 37" Commercial ZTR Walkbehind Mower, John Deere 160 Riding Mower, Wards 8.5 HP Tiller, Poulan 5.5 HP Tiller, Snapper Snow Blower, Power Slicer, Power Rake, 2-Sod Rollers (One Plastic, One Steel), Wacker WP 1550 Plate Packer, Earthway Trail Electric Spreader For 4 Wheeler Or Garden Tractor, Lesco Commercial Push Spreader, Material Cart, Small 12V Sprayer, Back Pack Sprayer, Shovels, Rakes, Post Hole Diggers, Hoes, Equip-

ment Parts (Bearings, Tires, Filters & Belts), Fuel Cans.

TOOLS, LANDSCAPE SUPPLIES & CHEMICALS: Craftsman Radial Arm Saw w/Blades & Dado Blade Sets, Campbell-Hausfeld 4.5 HP Compressor w/Hoses, Hilde Nail Gun, 2-Floor Jacks, 220V Vane Transfer Pump, Bench Grinder, Toolboxes, Metal Drawer Sets, 18' X 22' Hoop Bldg, ABS 4" Black Drainage Pipe (Drain Tile), ABS Black Drainage Fittings (6" & 4"), Several Pallets Of Versa-Lock Block, Pallets Of Pavers Misc Blocks, Vermiculite, Grass Seed, Spray Chemicals (Sahara, Soy Stick & Snapshot).

GLASSWARE & COLLECTIBLES: Waterford Crystal, Germany & Limoges Bowl & Platter, Amber Pitcher, Nippon Bowl, Chip & Dip Plate &

Bowl, Hair Receiver, Mugs by Hall, Blue Etched Vase, Czechoslovakian Vase, McCoy (Dog & Cookie Jar), 3 Rivers Pottery, Candle Holders, Bohemian Candle Holder, Buttons, German Easter Eggs, Beaded Purse, Large Metal Korean Bell, 2-BB Guns (Crosman & Daisy Buck Jones), Metal Lunch Box, Old Framed Pictures, Music Box.

OFFICE EQUIPMENT & MISCELLANEOUS: Drafting Table, Desks, File Cabinets, Book Shelves, Storage Cabinets, Metal Shelving, Refrigerator (Approx 7 years old), Fluorescent 2 Sided 3'X5' Sign, Steel Carts, Steel Tables, Brooms, 2" Pintle Hitch Receiver, Mail Box, 4-Units of Unclaimed Storage.

THIS IS ONLY A PARTIAL LISTING AS THE UNCLAIMED STORAGE UNITS HAVE NOT BEEN UNPACKED OR INVENTORIED. SURE TO BE MANY SURPRISES.

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Auction Sales Scheduled

continued from page 15

tion sale at Canton for Circle S Gelbvieh, John & Carla Shearer.

April 3 — Harvest equipment at Pratt for Bob Ogle. Auctioneers: Hamm Auction & Real Estate.

April 3 — Real Estate, car, truck, tractors, equip., tools, outdoor equip., household, antiques & collectibles at Washington for Donald L. Fencil Estate. Auctioneers: Midwest Land & Home, Mark Uhlik.

April 5 — Farmland, equipment & antiques E. of Clay Center for Wesley & Margaret Heilman. Auctioneers: Raymond Bott Realty & Auction.

April 5 — Barber Co. land at Medicine Lodge. Auctioneers: United Country/Nixon Auction & Realty, LLC.

April 5 — Shop tools & equip., tractors, combine & farm machinery, trucks, trailers, livestock equip., household at Palco for Everett McKenna Estate.

Auctioneers: Farmland Auction & Realty Co., Inc. April 9 — Show pig sale at Leavenworth for Duncan/Hunt, Eastern KS Elite Club Pig Sale.

April 9 — Tractors, combine, headers & header trailer, farm machinery, truck & pickup & misc. near Cedar for Sweat Acres. Auctioneers: Wolters Auction & Realty.

April 10 — Tractor, machinery & tools NE of Blue Rapids for Richard & Loretta Petr. Auctioneers: Olmsted & Sandstrom.

April 10 — Angus cattle, guns, tractors, brome hay, hay equip., machinery, livestock trailer & equip., lumber, tin, shop & misc. near Seneca for Bill & Darlene Kuhlman. Auctioneers: Hartter Auction Service.

April 10 — Farm machinery at Isabel for Paul Hageman. Auctioneers: Hamm Auction & Real Estate.

April 10 — 10th annual show pig sale at Overbrook for Valleybrook Farm Show

Pigs, Mike & Debra Bond. Auctioneer: Jason Flory.

April 10 — Show pigs & club lamb sale at Wamego for Fink Farm, M&S Show Pigs & Rookstool Club Lambs. Auctioneer: Craig Heinen.

April 13 — Chase Co. land at Cottonwood Falls. Auctioneers: Sundgren Realty Inc., landbroker division.

April 16 — Tractor & machinery at Oketo for Glenn & Marjorie Potts. Auction-

eers: Olmsted & Sandstrom.

April 17 — Tractors, trailers, cattle handling equipment at Paxico for A.B. Hudson Estate. Auctioneers: Murray Auction & Realty, Steve Murray, auctioneer.

April 17 — Farm machinery at Pratt for Larry Honeiman. Auctioneers: Hamm Auction & Real Estate.

April 17 — Farm machinery consignments at Carlton. Auctioneers: Mugler Auc-

tion Service, Dean Hanson, manager.

April 24 — Registered & commercial Brangus female sale at Jacksonville, TX for Genetrust/Cavender's Neches River Ranch.

April 24 — Show pigs at Abilene for Wuthnow Family Show Pigs. Auctioneer: Craig Heinen.

May 1 — Household, antiques & collectibles estate at Havensville. Auc-

tion Service: Kocher's Auction Service.

May 14, 15 & 16 — Show Case collectibles, glassware, crocks, primitives, old furniture, antiques & collectibles at Kirwin for the Cheryl M. Rader Estate. Auctioneers: Ashley's Auction Service.

May 15 — State Fair & KJLS show pig sale at Overbrook for Valleybrook Farms, Mike & Debra Bond.

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