

# Marbling governs beef flavor

Steakhouses hold an allure for discerning diners, and Daryl Tatum knows why.

"Great taste is the primary reason consumers make beef their food of choice for a pleasurable dining experience," says the Colorado State University meat scientist. Tatum recently authored a research review of 75 different studies titled, "Producing Flavorful Beef."

He identified consumer preferences and how producers can work to meet them.

Many studies point to tenderness as the main driver in taste equation, but that may be changing. The 2006 National Beef Tenderness Survey used Warner-Bratzler shear force to test steaks in 11 different markets.

"Of the steaks evaluated in the tenderness survey, more than 96% were found to be tender or very tender," Tatum says. "Once tenderness is within an acceptable range, or when variation has been minimized, then flavor be-

comes the most important."

The entire industry will have to work together to provide consumers with the beef they expect, he notes.

"Research shows the eating qualities of beef are influenced by a variety of pre-harvest factors," Tatum says. "Systematic control of cattle production and management practices can enhance palatability of the final product."

The amount of marbling has a large effect on beef flavor. When tenderness is held constant, surveys prove flavor increases as the "taste fat" increases. That's why the USDA uses it as a primary basis for determining quality grades.

How much is enough? "Once marbling scores of Modest or greater are attained, the incidence of undesirable flavor ratings is greatly diminished," he says. Premium Choice brands, such as Certified Angus Beef, often use that Modest level of marbling as a threshold for acceptance into the program.

That gives producers a target. Then they must weigh the many different management options that impact marbling.

Improvement starts before breeding even begins.

"Less than 10% of the variation in beef flavor may be attributed to genetics," says Tatum, but selection is still significant. "Genetic relationships between beef flavor and marbling suggest that selecting for increased marbling would result in a gradual improvement of beef flavor."

Aggressive cattle, compared to docile counterparts, have decreased quality grades.

"Effective selection for docility could produce benefits in color, marbling, tenderness and flavor," he says.

When the calves leave the ranch the feeding sector must continue to build that intramuscular fat. Finishing cattle on grain-based diets helps.

"Consumers demonstrated a willingness to pay higher prices for steaks

from grain-fed cattle based on flavor preference," Tatum says, noting many taste panels reveal a "gamey," "grassy" or "fishy" taste related to grass-fed beef.

Once method is determined, time on feed makes a difference, too. "Grain-finishing periods around 100 days or longer are effective for developing the desirable flavor associated with grain-fed beef," he says.

Cattle handling prior to harvest is the last step. "Adopting management practices that minimize pre-slaughter stress have been shown to reduce the incidence of off-flavors and improve desirability of beef flavor," Tatum says.

Collaboration between all segments involved with beef production is vital.

"Delivering a desirable eating experience time after time is fundamentally important to the sustained growth in beef demand," Tatum says. "If beef tastes great, people are not only more likely to buy it, but also more willing to pay more for it."



Lafllins Pretty Annie 7200 won grand champion bred-and-owned female at the 2008 Western Regional Junior Angus Show, April 26 in Reno, Nev. Clinton Lafllin, Olsburg, owns the July 2007 daughter of Lafllins Cutting Edge 2075 that first won late calf champion. Jason Hoffman, McArthur, Calif., evaluated the 120 entries. (Photo by American Angus Association)



Sankeys Lazer 609 of 6N won grand champion bull at the 2008 Western National Angus Futurity (WNAF) Super Point Roll of Victory (ROV) Angus Show, April 27-28 in Reno, Nev. Aztec & Sankey Angus, Council Grove; Craig & J. J. Reinhardt, Sloughouse, Calif.; and H A V E Angus, Wilton, Calif., own the February 2006 son of Exar Lutton 1831. Ernie Wallace, Stotts City, Mo., evaluated the 183 entries. (Photo by American Angus Association.)

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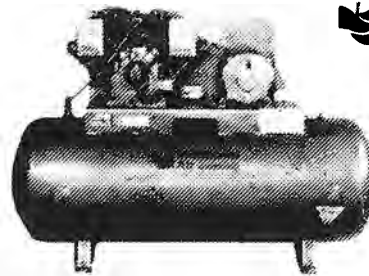
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# Early growth key to cotton yield

Cotton producers need to "make their cotton crop" at the front end of the growing season.

That is part of the message recently presented to cotton producers from across Oklahoma's cotton growing region by J.C. Banks, Oklahoma Cooperative Extension Service cotton specialist.

Although it may sound counter-intuitive, for cotton the growth period before blooming will determine the yield potential of the crop. At the first bloom, 80 percent to 90 percent of the crop that will be harvested is already on the plant.

"The ideal cotton plant develops the boll load early, down in the plant," he said. "That boll load serves to regulate the growth of the plant. The activity and growth of the plant after the first bloom helps to determine final yield and quality."

One tool that producers can use to help manage the growth of the cotton plant is a mepiquat chloride-based plant growth regulator.

"Mepiquat chloride can help reduce the internode length, the distance between fruiting branches; it helps restrict vegetative growth, increases leaf thickness and concentrates the production of chlorophyll," Banks

said. "All of that can help reduce plant size making for easier harvest with less lodging and boll rot. Banks said while the product can sometimes increase yield, it should not be applied for yield enhancement because that is not a guarantee.

"I like to say it could be a bonus," he said. "Plant mapping, the tracking of plant growth stages, can help growers most effectively plan the best strategy for using mepiquat chloride pre- or post-blooming stage."

Techniques such as average internode length, nodes above white flower, and internode length of the fourth noted from the top to the plant can be used to make decisions on the rate and timing of application.

"One thing I stress is that no grower should use the chemical in any sort of 'automatic application'

process," Banks said. "It's important that a grower knows the chemical is needed before applying it, and then make sure it's applied at the proper rate. It should never be used on drought-stressed cotton. That just serves to doubly stress the plant."

Additional information on the use of mepiquat chloride can be found on the North-Texas-Oklahoma-Kansas cotton website located at <http://www.ntok.cotton.org> as well as <http://www.osu.altus.ok.us>, the website for the Oklahoma State University's Southwest Research and Extension Center in Altus.

"Producers are also welcome to drop by the center, e-mail us or call us," Banks said.

The center is located on U.S. Highway 283, about three miles south of downtown Altus. The phone number is (580) 482-2120.

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## Cattle-pen cleaning can curb odors, insects

The expression "spring cleaning" conjures images of spotless households, but it can apply to cattle operations, too.

Spring is a good time for producers to clean feedlots or areas of manure accumulation, once cattle are removed for summer grazing, said Kansas State University's Joel DeRouchey.

If not properly cleaned and maintained, confined feeding pens and temporary feeding sites for wintering cows or winter-back-grounding calves are prime contributors to odor emissions, said DeRouchey, who is an animal scientist with K-State Research and Extension.

In addition, fly production from those sites is

much greater when manure and wasted feed are present. This, in turn, creates a nuisance and the potential for reduced animal performance for the remainder of the summer.

More tips on livestock production are available on K-State's Department of Animal Sciences and Industry Web site: <http://www.asi.ksu.edu>.

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bench vise; saws; electric motors; wire stretchers; pipe fittings; storage cabinets; steel shelving; wagon box sides; 2 - 10' gates; security gates; 4' x 8' cattle panels; assortment lumber.

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2 church seats; sofa; chairs; office desk and chairs; end table; oak coffee and end tables; twin beds; queen bed; washer and dryer; computer cabinet; bakers rack; electric stove; patio table and chairs; Waterfall vanity; ice cream chair; trundle bed; dragon lamp; crocks; bottles; sad irons; Buffalo pottery; shoe last; Bates numbering machine; WWI helmet; 60's Life

and Post magazines; mail scale; enamel vase; Tuttle Creek Dam program; Kraut cutter; tobacco tins; ice tongs; stained glass windows; barn wood; cigarette lighters; pencils; rulers; pop bottles; Model tobacco sign, Standard Red Crown sign; buggy steps; horse collars; implement seats; copper boiler; adv. nail aprons; wood burning stove; corn sheller; forge; Carnival glass egg dish; wash boards; blow torch; cast iron bathtub; Budweiser lamp; costume jewelry; paper weights; pictures; books; car tags; car manuals; assortment of other household and collectibles.

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glass; peach opalescent; Fostoria cake plate; Vaseline berry set; purple console bowl; approximately 25 pcs. Railroad china; red/clear cruet; Black Amethyst; 8 pink salt dips; crystal vases; Ruby Flash souvenir pieces; pink and blue Hobnail pieces; various bells; red/clear covered compote; variety of Depression glass opalescent; 2 Austria Moose pitchers; pink cookie jar; porcelain flowers; vases of all types; St. Clair paperweight; Carmel slag toothpick; 5 hens on nest; lamb covered dish; amber creamer, sugar and tray; cookie jars; 8 small baskets; Ribbon glass toothpick holder; Goebel candleholders; Kewpies; hat pin holders and hat pins; Lenox basket; Little Bo Peep pitcher; flower frogs; ginger jar; tea strainers; mustache cup; Occupied Japan pieces; 8 Avon lady thimbles and others; bird figurines; bowls and pitcher; candleholders; Jadeite pitcher; Jensen's milk bottle; juicers; violin bottle; covered turkey and rabbit; banquet type lamp; what not shelf; crystal lamp; Magnavox CD player/stereo; picture and matching scones; leaded and other lamps; coal bucket; mirror; 2 Aladdin lamps including Colonial Hobnail; 2 electric Aladdin lamps; 8 kerosene lamps; 6 miniature kerosene lamps; round Coke thermometer; Poland plates; relish dishes; Bavarian salt dips; eye cups; Cranberry pieces; red water set; 3 miniature sad irons; child's tea set; 5 Precious Moments; postcards;

stereoscope and cards; pink measuring cup; portrait plates; mandolin; brass horn; Christmas decorations; bedding; towels; many tablecloths and linens; pictures; lava lamp; cameras; doilies; hankies; celluloid jewelry box and photo album; mesh purse; nice old baby buggy; approximately 50 dolls, all types; costume jewelry; Vintage; baby clothes; hats; powder boxes; metal pig bank, Millard, Nebraska; dog head creamer; miniature lamp; Wm. Rogers silverware and stand chest; figurines; casseroles; IGA circus cookie jar; Jewel T bowl; nice stoneware pitchers; Boomerang and silver leaf glasses; jewelry boxes; Billy Carter autographed beer can; child's ice cream chairs; children's toys; old child's Singer sewing machine; several quilts; baby quilt top; Dirt Devil and vacuums; pots; pans; microwave; dishes; household; wood trash bin; neat old Singer portable sewing machine; **Winchester Model 74, 22 rifle; Stevens 410 shotgun; 2 Gillette display cases; Miller High Life tray and lighted clock; Coke water set; Flintstone glasses; wall phone and other radios; portable TV; luggage; sewing basket and supplies; scarves; picnic basket; bakeware; knives; Tupperware; canisters; roto tiller; lawn mower; lawn windmill; bird bath; Arbor; BBQ grill; wheelbarrow; water can; clamps; hand tools; miscellaneous.**

**NOTE: Very clean auction. Many items. This is a partial list.**

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## Plant mapping key to cotton crop success

Researchers with Oklahoma State University's Division of Agricultural Sciences and Natural Resources are encouraging cotton producers to use plant mapping, a management tool that could make a big difference in yields and profit.

"Plant mapping is essentially a guide for evaluating the crop's health anytime during the production season," said Shane Osborne of the division's Southwest Research and Extension Center in Altus.

By taking regular measurements of the crop and comparing them to growth guidelines, a producer can know the exact status of the crop, whether it is growing well or under stress from insects, disease or drought.

"Most importantly, by knowing that status, a producer can make management decisions in a proactive rather than reactive fashion," Osborne said. "It can make all the difference between success and disappointment at harvest time." Plant mapping for cotton takes advantage of the crop's approximate growth timeline. By knowing how the plant grows and when it should be at any given stage of maturity, producers can easily determine if the plant is under stress, when to apply additional fertilizer or plant growth regulators, when to time herbicide and insecticide applications, how to identify fruiting problems and how to manage irrigation.

The key is the producer's commitment to checking the crop on a regular basis. While the process can seem complicated at first, Osborne said that it can be learned easily.

"Once you learn the basics, the process of producing an excellent crop becomes a bit easier," he said. "It makes managing for optimum production easier because you eliminate virtually all of the guess work."

Producers interested in plant mapping can access an illustrated presentation on the management at <http://www.ntokcotton.org> on the Internet. Additional information can be found on the center's website at <http://www.osu.altus.ok.us> on the Internet.

## National Angus conference to be in Oklahoma

Angus enthusiasts should mark their calendars for the 2008 National Angus Conference & Tour, set for Oct. 7-9 in Oklahoma City, Okla. The American Angus Association is pleased to announce that Purina Mills, LLC, and Alpharma Animal Health are the major sponsors of this year's event.

The conference headquarters is the Clarion Meridian Hotel & Convention Center, where the conference, "125 Years — the Challenges of the Next Decade" will focus on production, marketing and performance. The Oklahoma Angus Association will host "An Angus Gathering," a two-day tour of Angus operations, along

with a museum and rein-ing horse training facility.

"Purina Mills is proud to partner once again with the American Angus Association on this great educational event," says Rod Nulik, Purina Mills marketing manager. "Purina Mills and our key corporate partner, Alpharma Animal Health, share with the American Angus Association the common goal of continuing to improve the competitive advantage and profitability of America's beef producers now and in the future."

A welcome reception will be Monday, Oct. 6, for those who have traveled and want to visit with fellow Angus breeders. The official event begins at 8 a.m., Tuesday, Oct. 7 with

the conference program. A slate of industry speakers will address the state of the beef industry, performance information, selection tools, branded beef programs and marketing.

A two-day tour of scenic Oklahoma begins on Wednesday, Oct. 8. Stops include Smith Land & Cattle, Claremore; Woolaroc Museum & Wildlife Preserve, Bartlesville; Buford Ranches LLC, near Hominy; and Limestone LLC, Perkins. On Thursday, the tour will travel to Oklahoma State University (OSU), Stillwater; Big Lake Ranch home of Brainard Cutting Horses, Mulhall; Pollard Farms LLC, Enid; and Express Ranches, Yukon. The

Smith family and OSU will also host cattle from other producers from the state.

Registration is available online. Just \$75 covers the conference and tour, meals and bus transportation during the tour.

Register by Sept. 1 to get the early registration rate. After that, registration is \$125.

Register online at [www.angus.org](http://www.angus.org) or by contacting Monica Jordan at 816-383-5100.

Hotel accommodations are available at the headquarters, the Clarion Meridian Hotel. A room block is available at the rate of \$73 plus tax per night. Make reservations early to ensure availability, by calling 405-942-8511.

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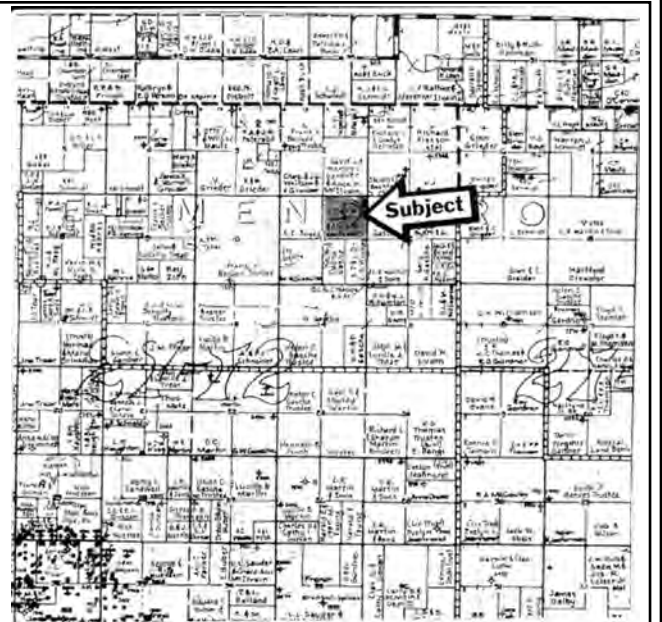
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**CONDITIONS:** This sale is subject to all easements, restrictions, covenants, leases and zoning regulations of record.

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**POSSESSION:** The Buyer will receive immediate possession of the property upon signing of the contract and deposit of the earnest money.



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# Aspiring farmers learn ropes

LICKING, Mo. (AP) — Traumatic brain injury caused by an improvised explosive device in northern Afghanistan ended staff Sgt. Matt Nuckolls' 10-year military career.

With two small children to support and no immediate disability payments, the Air Force veteran and his wife, Leann, decided to move from Colorado Springs to Texas County, live off the land and become commercial farmers. The learning curve was steep.

"If you grew up around here, you knew who to talk to. I didn't grow up around here," Nuckolls said.

So Nuckolls went back to school, joining a British engineer, a retired sheet-metal worker and a nurse interested in sustainable farming in a University of Missouri Extension course for aspiring farmers.

The Grow Your Farm program is modeled after a more established counterpart called Farm Beginnings that began a decade ago in Min-

nesota, with offshoots expanding to Illinois and Nebraska.

Students in the inaugural Missouri program met weekly at the Phelps County Extension office in Rolla, poring over thick binders stuffed with sample business plans, legal case studies, marketing advice and more.

The program also links newcomers to established producers in their communities who can offer advice and war stories, or even mentoring relationships.

"It's kind of like parenting," said program organizer Debi Kelly. "You don't know what to do, so you go to a friend, or a sibling. It's the sharing of ideas."

Nancy and Greg Rasmussen raise broiler chickens on 65 acres outside Lebanon in Laclede County. Five years ago, she participated in a Farm Beginnings course while living in Wisconsin. The former housekeeper and her husband — who continues to work for the local telephone company

during the day — now have a successful farm, providing hormone-free poultry to area farmers' markets and natural food stores.

Nancy Rasmussen said she was happy to become an instructor in the Missouri program when asked by her local extension agent.

"It saves them from learning by trial and error," she said. "You're talking with people who have actually tried sustainable farming. They can hook you up with networks and resources."

Alan and Liz Northcott knew little about agriculture when they decided to relocate from Crown King,

Ariz., two hours north of Phoenix, to a 120-acre alfalfa farm near Lebanon. A friend's recommendation served as a referral to buy land in southwest Missouri.

"It was kind of like, 'Here we are, we're farmers,'" Alan Northcott said. "We were totally green. We had seen farms. That's about it."

The Northcotts' initial farming venture remains modest — they've earned about \$5,000 in their first year, paying a ranch hand to tend the alfalfa crops while hoping to eventually branch out and grow garlic, or perhaps sunflowers.

Northcott, who moved to

Arizona from England in 1992, continues to work as a freelance technical writer and an online day trader. The new farmers' course not only helped the couple learn the basics, it also reinforced the aspects of farming they hope to avoid.

"We're not interested in livestock," he said, noting a seminar session on raising cattle. "We don't want to get up at 3 o'clock in the morning."

For Nuckolls, the nascent pasture poultry operation — he owns 19 barred Plymouth Rock chickens, a cold-weather bird hardy enough to withstand Ozarks winters — represents an escape from his former life. The soldier turned war protester beams when talking

about his 6-year-old son's ability to herd the birds into their hen house each night.

He's not completely unfamiliar with southern Missouri. His father was twice stationed at Fort Leonard Wood, and Nuckolls briefly attended what was then the University of Missouri-Rolla before enlisting.

His plans are modest — the 20-acre tract he purchased last year still needs work, and his wife has both an office job and a Web business to help make ends meet. But the prospect of starting over, and tapping into the resources his new neighbors can offer, provides hope.

"I'm discovering opportunities I didn't know I had," he said.

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**LEGAL DESCRIPTION:** The East Half of Section 33, Township 20 South, Range 15 East of the 6th P.M., Coffey County, Kansas less tracts — 300 acres more or less.

**TYPE OF PROPERTY:** This tract consists of all grass with some timber plus several ponds. It has good good fences and Blacktop Road access on two sides.

**LOCATION OF THE PROPERTY:** The location of this parcel is unbelievable. The property adjoins New Strawn, Kansas on the west boundary and John Redmond Reservoir is located to the south. The property has 16th Road on the south boundary and 17th Road on the north boundary. Both roads are a Blacktop surface road. This property has "LOCATION", "LOCATION", "LOCATION" and offers unlimited potential.

**TERMS:** Seller requires 10% earnest money payable on the day of the sale. Another 15% at time of closing in 30 days. The remaining balance the Seller will finance at 5% interest over a 20-year period with a balloon payment at the end of 10 years.

**CONDITIONS:** This sale is subject to all easements, restrictions, covenants, leases and zoning regulations of record.

**MERCHANTABLE TITLE:** The Seller agrees to furnish a Title Insurance Policy for the amount of the purchase price with the costs split equally between the Buyers and the Sellers.

**POSSESSION:** The Buyer will receive full possession subject to this year's pasture lease. The Buyer will receive this year's pasture rent and pay the 2008 taxes.

**MINERALS:** All the Seller's mineral interests transfer with the Real Estate at the time of closing.

**TAXES:** The Seller will pay the 2007 taxes. The Buyer will pay the 2008 taxes. There will be no proration of taxes.

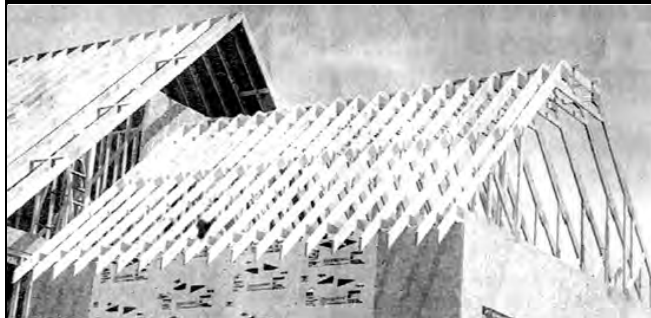
**ANNOUNCEMENTS:** To obtain more information or make arrangements to view the property please call the selling agent at the listed phone numbers. All announcements the day of the sale take precedence over all previous printed material or advertising. Joe Biggs and Associates, Inc. is the agent for the Seller in this transaction and does not represent the Buyer. All information is obtained from sources deemed to reliable but are not guaranteed by the Seller or the Selling Agent. This sale is not subject to the Buyer obtaining financing. All financial arrangements should be made prior to the sale. The Sellers and the Selling Agent are not responsible in case of accidents.

**AUCTIONEER'S REMARKS:** This is an excellent opportunity to purchase land with owner financing plus the property has location and highway access on two sides. The land is native grass with several ponds and timber draws for wildlife habitat. The view is exceptional with John Redmond Reservoir to the southwest. **COME TO THE SALE—WE APPRECIATE YOU BEING THERE.**

**SELLER:**  
Eugene and Isabel Lang

**SELLING AGENT:**  
Joe Biggs & Associates, Inc.  
1875 19th Road NE  
Waverly, Kansas 66871  
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## AUCTION

**SATURDAY, MAY 10 — 10:00 AM**

At the house, 307 Cedar Street,  
**GREENLEAF, KANSAS**

**REAL ESTATE (Sells at 1:00 PM.)**

This is an exceptional ranch style home built in 1975. The main floor includes a large living room and dining room, a large kitchen, utility room, 3 bedrooms, and 2 bathrooms. There is an oversized 2 car attached garage and a full unfinished basement. There is central heat and air conditioning. Overall, this is a very good home that has been very well kept. The lot is 90x140. The 2007 taxes were \$1,322.26

**TERMS:** Ten (10) percent down, the balance due in 30 days. Possession will be given at closing. To see the house, please call Raymond Bott Realty & Auction, 785-325-2734, for an appointment, or come to the Open House on Saturday afternoon May 3rd, from 5:00 to 6:30.

**ANTIQUES & COLLECTIBLES:** Fiesta pieces, several colors; Cambridge Glass Co. Caprice pattern stemmed glasses, creamers, sugars, goblets, plates, bowls; milk glass hen on nest, candy dish and snack set; Luray dishes; Little Red Riding Hood cookie jar; 5 gallon Red Wing churn; other stoneware; copper boiler; pair 1950's Aladdin electric table lamps; tied quilts and comforters; Toby mugs and pitcher; Watt cream pitcher - Singular's 1964; Frankoma mugs; colored and clear glassware; other collectibles.

**FURNITURE, APPLIANCES and HOUSEHOLD ITEMS (The large appliances will sell after the real estate.)** Amana refrigerator, washer, dryer, and smooth top electric range, all nearly new; electric sewing machines; large Coop chest freezer; Lowry electric organ; hankie chest; 2 dining tables; waterfall bed, chest and vanity; full sized bed and dresser; oak serpentine front dress/buffet; end and coffee tables; benches; dishes; pots and pans; bakeware; cookware; Kirby vacuum; other household items.

**YARD EQUIPMENT:** Yardman (MTD) 8.5 hp. 30 in. rear engine riding mower, nearly new; hand and power tools.

### MARJORIE HATESOHL

Terms on the personal property: Cash, check or credit card. Announcements the day of the auction take precedence over printed advertising.

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# Research 'N' Review

By Twig Marston and Joel DeRouchey

To improve beef quality we have been taught to use the neck region as the preferred injection site. Using a blind on the squeeze chute, normally made from strips of rubber belting, has been shown to reduce aversion behavior when cattle enter the headgate. Miller and coworkers, Canadian researchers, evaluated whether cattle react to the proximity of the stockperson or to the actual injection.

A hundred and twenty, 10-month old calves were used and treatments consisted of either giving an injection or a sham, with or without blinders. Animals were restrained in the

chute for approximately one minute with the injection given about 20 seconds after restraint.

Animal reactivity was rated while in the chute and exit speed was also measured. There was no difference in steer reaction whether they received an injection or the sham. However, having blinds on the chute reduced reactivity while the steers were being restrained and reduced exit speeds. It appears from this study the reducing the animal's perceptions that human are close by reduces animal stress.

\*\*\*  
Animal scientists at University of Nebraska recent-

ly wrote a review for distiller's by-products used in the beef industry. Thankfully, the most common by-products from ethanol production are utilized very efficiently by ruminants. When the starch is fermented to produce ethanol, the remaining nutrients of the corn kernel is concentrated about three-fold.

Distiller's grain with solubles has traditionally been a protein supplement for cattle, but with the abundant supply and price relative to corn distiller's are an attractive dietary energy source as well. An analysis of 9 experiments showed that various levels of wet

distiller's grain produced greater average daily gains and improved feed efficiencies in finishing cattle fed corn-based diets without distiller's. Dried distiller's grains also provided improved animal performance, but not at the same magnitude as the wet by-product.

Metabolism studies suggest that the fat in distiller's grain may be partially protected from ruminal degradation which improves the dietary energy values of the by-product. Lower quality forages can be used in feedlot diets containing dried distiller's grain then used in conventional corn-based diets because of the protein, moisture, and physical characteristics of the feed. The feeding value of distiller's grains with solubles is greater than dry-rolled or high-moisture corn; however, it appears to have less feeding value when fed in finishing diets based on steam-flaked corn.

\*\*\*

Researchers from New

Mexico State and Montana State Universities have been investigating management systems to improve grazing distribution. It has long been known that cattle like to graze close to water sources. This will often times lead to uneven grazing distributions throughout a pasture. The researchers compared using low-moisture blocks or salt to lure cattle away from the watering sites. They found several interesting phenomena.

Over a 24-hour period, cattle spent an average of 73 minutes near a low-moisture block feeding site. Of those 73 minutes, 47 minutes or 64% of the visit time occurred at night.

They also found that cows spend less time near salt licks than low-moisture blocks. Through the use of low-moisture blocks, they were able to move cattle nearly a quarter of a mile further away from the watering site when compared to salt.

**80 ACRES  
COFFEY COUNTY  
LAND**

**Real Estate  
Auction**

**HUNTER'S  
PARADISE  
SOLD IN 2 TRACTS**

**MONDAY, MAY 19 — 7:30 PM**  
Held at the New Strawn Community Building in  
**NEW STRAWN, KANSAS**

### TRACT #1:

**LEGAL DESCRIPTION:** The SE1/4 of the SW1/4 of Section 24, Township 20 South, Range 13 East of the 6th P.M., Coffey County, Kansas — 40 acres more or less.

**TYPE OF PROPERTY:** This parcel is all grass and timber with 2 ponds and adjoins the Indian Hills Wildlife Area on the south edge. This is ideal habitat for the Deer and Turkey plus Ducks and Geese utilizing the wetlands to the North and South of the property. This is an opportunity to own some of the best hunting property in Kansas.

### TRACT #2:

**LEGAL DESCRIPTION:** The SW1/4 of the NE1/4 of Section 25, Township 20 South, Range 13 East of the 6th P.M., Coffey County, Kansas — 40 acres more or less.

**TYPE OF PROPERTY:** This tract consists of 11 acres of cropland with balance in native grass with ponds. Two tracts are only 1/4 mile apart. Plant the 11 acres to a food plot and then bring plenty of ammunition. This property also adjoins the Indian Hills Wildlife Area on the north edge. The property has an abundance of wildlife traffic crossing through going from side to side.

**LOCATION OF THE PROPERTY:** From Hartford, Kansas, go south to Road 95 — go east on that road to the Indian Hills Wildlife Area 2-2 1/2 miles. Tract

#1 starts there. Tract #2 is 1/2 mile south on the gravel road to the east and then 1/2 mile south and then go west. Property is on the north side of road. Watch for signs.

**TERMS:** Seller requires 20% earnest money payable on the day of the sale with the balance due in full at the time of closing-approximately 30 days.

**CONDITIONS:** This sale is subject to all easements, restrictions, covenants, leases and zoning regulations of record.

**MERCHANTABLE TITLE:** The Seller agrees to furnish a Title Insurance Policy for the amount of the purchase price with the costs split equally between the Buyers and the Sellers.

**POSSESSION:** The Buyer will receive full possession of the property at the time of closing subject to the tenant's lease.

**MINERALS:** All the Seller's mineral interests transfer with the Real Estate at the time of closing.

**TAXES:** The Seller will pay the 2007 taxes. the Buyer will pay the 2008 taxes. There will be no proration of taxes.

**METHOD OF SALE:** Due to the unique location of both tracts, the Buyer for Tract #1 will have the opportunity to buy Tract #2 for the same money.

**ANNOUNCEMENTS:** To obtain more information or make arrangements to view the property please call the selling agent at the listed phone numbers. All announcements the day of the sale take precedence over all previous printed material or advertising. Joe Biggs and Associates, Inc. is the agent for the Seller in this transaction and does not represent the Buyer. All information is obtained from sources deemed to be reliable but are not guaranteed by the Seller or the Selling Agent. This sale is not subject to the Buyer obtaining financing. All financial arrangements should be made prior to the sale. The Sellers and the Selling Agent are not responsible in case of accidents.

**AUCTIONEER'S REMARKS:** This is a rare opportunity to purchase small tracts of land that has a wildlife refuge on both sides. The number of Deer, Turkey, Ducks and Geese that transverse these two properties are absolutely amazing. This sale is one of a kind. **COME TO THE SALE—WE APPRECIATE YOU BEING THERE.**

**SELLER:**  
Marian A. Hamman

**SELLING AGENT:**  
Joe Biggs & Associates, Inc.  
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timeshares in Granby, Colorado & Branson, Missouri

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**THUR., MAY 8 - 10 A.M.**  
Multiple Location Internet Only Auction  
antiques, appliances, automobiles, electronics, farm, furniture, home improvements, household items, industrial, lawn & garden, office supplies, restaurant equipment, retail displays, sporting goods, tools, toys

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**TUES., MAY 13 - 10 A.M.**  
Derby Flooring Internet Only Auction  
glazed porcelain floor tile

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**TUES., MAY 13 - 10 A.M.**  
Red Vest Inn, LLC Liquidation Auction, Plainville, Kan.  
art, decor, furniture, glassware, household items, industrial, real estate, restaurant equipment, tools

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**WED., MAY 14 - 10 A.M.**  
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# Results shared from Douglas youth event

The 55th Annual Douglas County Spring Beef Show was Saturday, April 26 in Lawrence at the Community Building at the fairgrounds. It is sponsored cooperatively by the Douglas County Livestock Association and the K-State Research and Extension Service, Douglas County.

Karl Harborth, Erie, served as the official judge and worked his way through 99 beef cattle. "I enjoyed working with the young people today, and the opportunity to evaluate the high quality animals they have exhibited," said Harborth as he concluded the show.

Forty-three 4-H and FFA members competed in the four age levels of showmanship. In the 15-18 year old class, Brady Chadwell, Morrill, was selected champion, and Zach Langley, Atchison, was reserve champion. In the 12-14 age class, Ryan Goetzmann, Gardner, was chosen champion, and Jared Hoffman, Effingham, was reserve. Jenna Goetzmann, Gardner, was the champion in the 9-11 year-old class, and Logan Allen, Gardner, was reserve. Annabelle Vaught, McLouth, was selected the champion in the 7-8 year-old class, and Grace Baxter, Overbrook, was selected reserve.

Forty-five prospect steers

were paraded by judge Harborth. Ryan Goetzmann, Gardner, had his Chianina steer selected as the Grand Champion Prospect Steer. Zack Langley, Atchison, has his Chianina steer chosen for reserve grand champion. Breed winners are as follows: Angus - Brady Chadwell, Morrill; Charolais - Madison Wuklfkuhle, Berryton; Gelbvieh - Cole Buffo, Lansing; Hereford - Marija Crockett, Atchison; Limousin - Dustin Hoyt, Lawrence; Maine Anjou - Lacey Moore, Tonganoxie; Shorthorn - Annabelle Vaught, McLouth; Simmental - Justin Christie, Baldwin; and Crossbred - Brett Goetzmann, Gardner.

The Douglas County Livestock Association sponsored a special award for the top Douglas County steer. It was won by Justin Christie, Baldwin, with his Simmental steer.

Ryan Goetzmann, had his Chianina heifer chosen as the Supreme Female over forty-nine other heifers. Breed champions in the female show are as follows: Angus - Jackson Wingert, Wellsville; Brangus - Austin Harkrader, Tonganoxie; Gelbvieh - Cole Buffo, Lansing; Hereford - Ryan Moser, Westmorland; Limousin - David Campbell, Leavenworth; Maine Anjou - Logan Allen, Gardner; Appendix Shorthorn - Zach Langley, Atchi-

son; Shorthorn - Tayler Miles, Tonganoxie; Simmental - Cambry Lynch, Eudora, All Other Breeds - Garrett Steinlicht, Valley Falls; Commercial - Brett Goetzmann.

The Douglas County Livestock Association sponsored a special award for the top Douglas County beef female. Cambry Lynch's Simmental was selected for this award.

The bull show had only four entries. A Limousin shown by David Campbell, Leavenworth, was chosen Supreme Bull. Alex Brull, Atchison, had the Champion Brangus, and Justin Moser, Westmorland had the Champion Hereford.

## Winners announced from Wabaunsee Co. spring livestock day

The Wabaunsee County Spring Livestock Day was held on Saturday, April 28 at the Wabaunsee County Fairgrounds in Alma. Gary Silver, Valley Falls, served as the judge for the day.

In the Breeding ewe category Monica Ebert, Pottawatomie Co., swept the show taking home both the grand and reserve grand champion awards. Champion market lamb was exhibited by Greg Harris, Dickinson Co. and reserve champion went to Emily Harris, Dickinson Co.

Champion heifer honors went to Taylor Nikkel, Wabaunsee Co., and the reserve champion was shown by Tanner Walden, Leavenworth Co.

The champion market beef was exhibited by Mandy Michaelis, Wabaunsee Co., and reserve champion went to Kobie Camerlinck, Riley Co.

In the sheep showmanship contest Greg Harris earned the top place, followed by Monica Ebert as reserve. Intermediate sheep showmanship champion was Jayna Flach with Buzzy Johnson earning reserve. The junior showmanship division was won by Rayann Johnson.

Ben Gleason was the champion senior beef showman, followed by Angie Lundberg as reserve. Intermediate beef showmanship honors went to Jackson Fike with Anna Carpenter taking reserve. In the junior beef showmanship contest Cale Hinricksen finished at the top of the class followed by Tanner Walden as reserve.

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### Auction REMINDER

Tues. May 13 • 6:00 PM

Where: 271 350th Rd. • Tampa, KS

**TRACT I:** 9.27 Acres & two story home with modular home attached together featuring 7 bedrooms, 3 baths with a fireplace and a wood burning stove, partial basement, deck, barn, outbuildings and well water

**TRACT II:** 55 Acres Pasture located in the NE 1/4 of 17-17-1, Logan Township. Good grass, average fence and some trees. All weather roads on two sides. Nice pasture or possible building site.

**TRACT III:** Combo of Tracts I & II.

**DIRECTIONS:** From I-135 exit 72 go E. on Roxbury Rd. (E. of Roxbury) to Bison Rd, then N. to 350th Rd, then 1/4 mi. W. to the S. side of the road.

**PROPERTY TAXES** - \$1,048.50 (2007) (This tax amount is both tracts combined. Taxes will be separated for each tract after survey is completed.)

**TERMS ON PROPERTY** - Tract I. \$1,000.00 down. Tract II & Tract III. 10% down day of auction and sign sales agreement. Balance due in certified funds at closing on or before June 13, 2008 upon merchantable title. House sold in "as-is" condition. No warranties expressed or implied by Auction Company or Sellers. Inspections, including lead paint inspections, will be the responsibility of all interested Buyers prior to the auction. Title Insurance shared equally between Buyer and Seller. Taxes pro-rated to closing.

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- 2 Story Home w/ 3 bedrooms & nice storage shed in Brookville.
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80 ACRES  
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EXCELLENT LOCATION

**TUESDAY, MAY 27 — 7:30 PM**  
Held at the New Strawn Community Building in  
**NEW STRAWN, KANSAS**



**LEGAL DESCRIPTION:** The South Half of the Southeast Quarter of Section 23, Township 20 South, Range 16 East of the 6th. P.M., Coffey County, Kansas — 80 acres more or less.

**TYPE OF PROPERTY:** This property consists of approximately 45 acres of tillable land with the balance in hay meadow and timber. The parcel has rural water available with a 1/4 mile of Blacktop Frontage on the East side and 1/2 mile of gravel on the south side. GOOD LOCATION — GOOD ACCESS — GOOD SCHOOLS!!

**LOCATION OF THE PROPERTY:** This tract is located 6 3/4 miles south of Waverly, Kansas on Trefoil Road which is a maintained well kept Blacktop Road. Trefoil Road is on the East side of the property and 18th Road is on the South side of the property — Watch for the signs.

**TERMS:** Seller requires 20% earnest money payable on the day of the sale with the balance due in full at the time of closing—approximately 30 days.

**CONDITIONS:** This sale is subject to all easements, restrictions, covenants, leases and zoning regulations of record.

**MERCHANTABLE TITLE:** The Seller agrees to furnish a Title Insurance Policy for the amount of the purchase price with the costs split equally between the Buyers and the Sellers.

**POSSESSION:** The Buyer will receive full possession of the property subject to the tenant's lease. The Buyer will receive 1/3 of the growing crops and pay 1/3 of the expenses. The grass is cash rent. It will be the Buyer's responsibility to terminate the lease.

**MINERALS:** All the Seller's mineral interests transfer with the Real Estate at the time of closing.

**TAXES:** The Seller will pay the 2007 taxes. The Buyer will pay the 2008 taxes. There will be no pro-ration of taxes.

**ANNOUNCEMENTS:** To obtain more information or make arrangements to view the property please call the selling agent at the listed phone numbers. All announcements the day of the sale take precedence over all previous printed material or advertising. Joe Biggs and Associates, Inc. is the agent for the Seller in this transaction and does not represent the Buyer. All information is obtained from sources deemed to be reliable but are not guaranteed by the Seller or the Selling Agent. This sale is not subject to the Buyer obtaining financing. All financial arrangements should be made prior to the sale. The Sellers and the Selling Agent are not responsible in case of accidents.

**AUCTIONEER'S REMARKS:** This is an Estate Sale and offers a versatile tract of land with excellent location. The property is over 50% tillable with the balance in Hay meadow and a minimum of timber. Rural Water is available and Blacktop frontage—excellent building site potential. COME TO THE SALE—WE APPRECIATE YOU BEING THERE.

**SELLER:**

Heirs of Anna Olney and Sarah Alice Mallon

**SELLING AGENT:**

Joe Biggs & Associates, Inc.  
1875 19th Road NE  
Waverly, Kansas 66871  
(785) 733-2893 Business, (888) 245-2893 Toll free  
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## Annual KJAA Preview Show June 6-7

The Kansas Junior Angus Association will host its annual Preview Show June 6-7, 2008 on the Kansas State Fairgrounds in Hutchinson.

The show will feature divisions for owned heifers, cow/calf pairs, steers and for bred and owned bulls and heifers. All exhibitors will be eligible to compete in an age appropriate showmanship class.

A special showmanship contest will be held to select two juniors that will represent the KJAA in the National Jr. Angus Showmanship Contest in Des Moines, Iowa later in the summer.

The two day event is much more than a cattle show. Juniors have the opportunity to compete in several educational contests. A herdsman quiz contest is open to all members. Quiz questions and the length of the quiz will vary depending on the age of the contestant and will test juniors on their knowledge of the Angus and beef industries. Sample quiz questions may be found by visiting the National Junior Angus Association website [www.njaa.info](http://www.njaa.info) or by emailing [kansasangus@wbsnet.org](mailto:kansasangus@wbsnet.org).

Young Angus enthusiasts are invited to take part in the coloring contest, prizes will be awarded to all participants. A prepared public speaking and an extemporaneous speech contest will also be part of the activities. Members will vie for a spot on the KJAA Team Sales NJAS teams by competing in the sales talk competition. The KJAA and the Kansas Angus Auxiliary will hold their annual meetings.

Back by popular demand will be the Old Pro and VIP Showmanship contest; juniors will watch in amazement as parents and leaders show off their showmanship skills or non-skills. Friday's activities will end with a picnic for all.

Awards for the contests as well as scholarships and other awards sponsored by the Ks. Angus Auxiliary will be presented. Picnic reservations are requested; cost is \$7 per person and can be made by those not exhibiting cattle by emailing [kansasangus@wbsnet.org](mailto:kansasangus@wbsnet.org). Entry forms are available at [www.kansasangus.org](http://www.kansasangus.org) or can be requested by calling (620) 872-3915. Show entry deadline is May 23.

## McPherson to host 2008 Agroforestry Field Day May 29

Vaughn Juhnke, winner of the 2006 Kansas Agroforestry Award will be hosting the 2008 Agroforestry Field Day at his McPherson County farm on Thursday, May 29.

Agroforestry is the integration of trees, shrubs and other vegetation into agricultural production. The goal of agroforestry is to optimize agricultural production while simultaneously conserving and improving natural resource and wildlife benefits. Windbreaks, riparian forest buffers, and wildlife plantings are a few examples of agroforestry practices, all which may be found on Juhnke's 40-acre farm.

The Agroforestry Field

Day will provide landowners and natural resource professionals the opportunity to observe a successful model of land management that optimizes wildlife habitat, recreation, conservation, and aesthetics.

A variety of concurrent sessions will be offered throughout the day that will provide information on how to establish and sustain trees, shrubs, native grass, and food plots.

When Juhnke purchased the property in 1996, the soil was eroding into Turkey Creek, and few trees and shrubs existed. "The water was cloudy with sediment," Juhnke remembers. "It's much clearer since we es-

tablished the plantings."

Almost 5,000 trees and shrubs (10 acres) were planted beginning in 1999, along with 8 acres of native grass and annual food plots for wildlife. Deer, turkey, coyotes, bobcat, pheasant, and quail have been attracted to the plantings and are seen regularly. Juhnke also built a pond and stocked it with fish, which provides habitat for Canada geese and a variety of ducks. Dennis Carlson, Kansas Forestry Service (KFS) district forester, helped Juhnke design the tree and shrub plantings. "Vaughn spent many hours weeding and maintaining the planting," says Carlson. "This accounted

for exceptional survival and outstanding growth rates." Many of the bur oak trees Juhnke planted grew more than 10 feet in six years. Friends, neighbors, and the local Pheasants Forever Chapter assisted.

In addition to educational sessions, a home-cooked lunch will be provided to participants for a \$10 registration fee. A meeting brochure and registration is available on the online at [www.kansasforests.org/calendar/index.shtml](http://www.kansasforests.org/calendar/index.shtml).

In case of rain, the event will be held at the Eden Mennonite Church Activity Center, 4 miles west and 2 miles north of Moundridge.

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& TIMBER**

**SATURDAY, MAY 24 — 10:00 AM**  
**2531 East 137th Street**  
**CARBONDALE, KANSAS**



**OPEN HOUSE:** There will be an Open House on Sunday, May 18, 2008 from 2-4:00 P.M. Come view this neat quaint home and improvements. This is a place to raise a family and a few head of livestock.

**SALE LOCATION:** Get off of Highway #75 at the Carbondale Exit and go 3 miles east on 137th Street to Berryton Road. The property is located at the southeast corner of the intersection of 137th Street and Berryton Road. Watch for signs.

**LEGAL DESCRIPTION:** The West Half of the Southwest Quarter of Section 22, Township 14 South, Range 16 East of the 6th P.M., Osage County, Kansas—80 acres more or less.

**TYPE OF PROPERTY:** The property has a nice, clean 1 1/2 story 4BR, 1 bath home with rural water, 1400'SFLA with a 24'X 30' detached double garage and several useable outbuildings. There is 40 acres of tillable land, 38 acres of grass and balance is the homesite. The tract has 2 ponds with some timber. Nice outstanding rural property and only 3 miles from Highway #75. Rural living with city access.

**METHOD OF SALE:**

**TRACT #1:** This tract will be a 10 acre tract and will include the house and all improvements.

**TRACT #2:** This parcel will be 70 acres and will include all the land except in Tract #1.

**TRACT#3:** Combination of Tract #1 and Tract #2. This

tract consists of all the Land and Improvements. The most money bid will determine how the tracts will sell.

**TERMS:** Seller requires 20% earnest money payable on the day of the sale with the balance due in full at the time of closing—approximately 30 days.

**CONDITIONS:** This sale is subject to all easements, restrictions, covenants, leases and zoning regulations of record.

**MERCHANTABLE TITLE:** The Seller agrees to furnish a Title Insurance Policy for the amount of the purchase price with the costs split equally between the Buyers and the Sellers.

**POSSESSION:** The Buyer will receive full possession of the property at the time of closing.

**MINERALS:** All the Seller's mineral interests transfer with the Real Estate at the time of closing.

**TAXES:** The taxes will be pro-rated until the day of closing based upon the 2007 taxes.

**ANNOUNCEMENTS:** To obtain more information or make arrangements to view the property please call the selling agent at the listed phone numbers. All announcements the day of the sale take precedence over all previous printed material or advertising. Joe Biggs and Associates, Inc. is the agent for the Seller in this transaction and does not represent the Buyer. All information is obtained from sources deemed to be reliable but are not guaranteed by the Seller or the Selling Agent. This sale is not subject to the Buyer obtaining financing. All financial arrangements should be made prior to the sale. The Sellers and the Selling Agent are not responsible in case of accidents.

**AUCTIONEER'S REMARKS:** This is an opportunity to purchase a well maintained older home in the country with 2 ponds, the right amount of timber for wildlife and good road access. This is one of a kind. Rural Living with City Access. Come to the Open House and view this exceptional property. **COME TO THE SALE—WE APPRECIATE YOU BEING THERE.**

**SELLER:**  
Marty Metzler

**SELLING AGENT:**  
Joe Biggs & Associates, Inc.  
1875 19th Road NE  
Waverly, Kansas 66871  
(785) 733-2893 Business, (888) 245-2893 Toll free  
(620) 343-0670 Cell  
[www.joebiggsandassociates.net](http://www.joebiggsandassociates.net)

## REAL ESTATE AUCTION

**SATURDAY, MAY 24 — 10:00 AM**  
**5 acres at 1033 Arrowhead Road**  
**CLIFTON, KANSAS**

**Real Estate sells at 12:00 Noon.**

Secluded 5 acres in western Washington County, Kansas with a main residence, guest house, large insulated shop, three car garage, and a beautiful view, located 1 mile east of the Republic/Washington County line on K-148, then 1/4 mile north.

The main residence has 2 bedrooms, 2 bathrooms, kitchen, living room with fireplace, and utility room all on the main floor. The full finished basement has a large family room, a bedroom with walk-in closet, and a full bathroom.

The guest house has 4 bedrooms. Each of the bedrooms has a full bathroom and double closets. There is a large family room, a study, a large kitchen and dining area, and laundry room in the basement as well.

There is a large insulated, centrally heated and cooled 30x40 shop building, a 3 car garage with a concrete floor, a very good 16x76 three bedroom trailer house, a water well and lagoon.

All of the buildings and improvements have been well kept and are in excellent condition.

**TAXES:** \$3,112.00

**TERMS:** 10% down, the balance due in 40 days. Possession given at closing.

**OPEN HOUSES:** Saturday evening, May 10th from 6:00 to 7:30 AND Saturday evening, May 17th from 6:00 to 7:30, or call for an appointment.

This is a unique opportunity to own a country acreage with many possibilities. It is a beautiful setting and would be ideal for a bed and breakfast or hunting lodge, or could be divided into 2 acreages, each with a nice home and shop/garage. This acreage is located in the heart of prime hunting country, equidistant from Belleville, Concordia, and Washington.

**ALSO SELLING:**

**EQUIPMENT & TOOLS:** Massey-Ferguson 220 tractor, Diesel, Cat. 1 3 pt., 620 hrs., well equipped; Bush Hog Rebel 6 ft. 3 pt. rotary mower; 6 ft. 3 pt. blade; 4 ft. 3 pt. box blade; Ford 3 pt. dirt scoop; Grasshopper 612, 12.5 hp. riding mower; Snapper push mower; extension ladders; step ladders; scroll saw; disk/belt sander; variable speed flex cable grinder; extension cords; limb saw; lawn spreader; weed trimmer; yard trailer; wheelbarrow; small fuel tank w/rotary pump; come along; hose; ATV ramps; battery charger; jacks; other tools and equipment.

**APPLIANCES:** Air tight wood burning heating stove; washers; dryers; refrigerators; chest and upright freezer; microwave; dehumidifier; household items.

**FURNITURE:** Oak harvest type dining table; ladder back dining chairs; oak entertainment center; twin beds; chests of drawers; night stands; oak dropleaf kitchen tables; end and coffee tables; book shelves; floor and table lamps; other furniture.

**COSTUMES & STAGE/PLAY EQUIPMENT:** Banners; flags and flag stands; vintage dresses; hats; men's clothing; many mariottes; scale model stage coaches; plaster molds; many aluminum chests and boxes; tables; risers; props; other equipment.

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## State attorneys general asked to investigate proposed JBS mergers

R-CALF USA, along with the Organization for Competitive Markets (OCM), sent formal correspondence to several state attorneys general from major cattle-producing states, asking the officials to join with other attorneys general to investigate the competitive effects of the proposed acquisitions by JBS of National Beef Packing Co., Smithfield Beef Group and Five Rivers Ranch Cattle Feeding, the largest feeding company in the world, with an estimated 2 million head annual capacity.

"The primary focus of our concern is with the market for slaughter-ready cattle that are sold in proximity to the major meatpackers and the market for lighter-weight feeder cattle that are sold in relatively large quantities in every state of the Union," wrote R-CALF

USA President/Region VI Director Max Thornsberry. "We also note that reducing the number of major beef processors from five to three is likely to have adverse competitive effects on consumers as well."

The five largest meatpackers currently are Tyson Foods, Cargill Meat Solutions, JBS Swift, National Beef Co., and Smithfield Beef Group. If the JBS merger is allowed, only three people—the head buyers employed by JBS, Tyson Foods and Cargill Meat Solutions—will make price decisions on over 80 percent of the slaughter-ready cattle each day.

"The current cattle market is already suffering from reduced competition," the letter continues. "This merger will substantially lessen competition. Cattle feeders have trouble now

gaining bids for their cattle from the packers within transportation distance. If the merger is allowed, feeders will have even fewer potential buyers and fewer actual buyers...fewer buyers reduce cattle prices."

Cattle are perishable and must be sold within approximately two weeks or they degrade in quality and value, which magnifies the market power of the remaining packers. Additionally, partial vertical integration is another major market power magnification tool. This merger will substantially lessen the competition that exists and will increase the market power held by the remaining firms.

"We have witnessed packer merger approvals in the past and seen the destructive results on independent livestock producers, including the astounding 90 percent reduction in the number of U.S. hog producers," the letter concludes. "If no action is taken now to preserve competition in the cattle market, we will wish, in five years that our leaders had more forethought and vision. Competition is the best regulator and should be preserved."

## Online summary provides details on 2008 deer hunting changes

What are deer permit options this year? How have deer seasons changed for 2008? How many deer permits may be purchased?

These and other questions are answered in the online "Deer Frequently Asked Questions" at the Kansas Department of Wildlife and Parks (KDWP) website, [www.kdwp.state.ks.us](http://www.kdwp.state.ks.us). Enter "Deer FAQ" in the website homepage search box to navigate to the information.

Most Kansas deer hunters are aware that deer permit and hunting options have changed significantly in 2008. The 2008 deer seasons are the culmination of more than two years of department staff discussion and public comment. The changes were initiated by a request from the Kansas Legislature to streamline deer-related statutes.

Following that legislative request, the KDWP Deer Task Force developed recommendations, sought and received substantial public comment on those recommendations, and presented them to the 2007 Kansas Legislature. Legislators contributed ideas and approved the statutory foundation of changes effective this year.

Among those changes, approved by the Kansas Wildlife and Parks Commission, are the following: Resident deer hunters may purchase an "Any-Season White-tailed Deer Permit," which allows them to hunt in archery, muzzleloader or firearm seasons with equipment legal in each of those seasons; reinstatement of resident archery permits that are valid statewide, rather than in specific units; creation of half-price youth permits for resident hunters and

other changes are also listed.

For more details on the variety of changes in Kansas deer hunting in 2008, consult the online Deer FAQ.

## Lovewell State Park to celebrate reservoir's 50th birthday with events

On June 1, staff of various agencies at Lovewell Reservoir will celebrate the lake's 50th birthday at the Community Arts Center, 421 Main in Courtland. The Kansas Bostwick Irrigation District, the Bureau of Reclamation (BOR), the Kansas Department of Wildlife and Parks (KDWP), and communities surrounding the reservoir will host presentations, tours, a re-dedication ceremony, and barbecue. Events will begin at 1 p.m.

The event will kick off with a tour of the irrigation district and points of interest on the way to Lovewell Reservoir. The tour will then travel to Lovewell State Park for the re-dedication ceremony and presentations from BOR, KDWP, and others highlighting the multiple functions of the reservoir. The re-dedication ceremony will be held at the same location as the original dedication on June 5, 1958.

Immediately following the ceremony, a barbecue lunch will be served by the

Lovewell Marina. Then the tour will continue to view the BOR flood control structures and more irrigation facilities on the return trip to Courtland.

For years, Lovewell Reservoir has been important to many people, including those who worked on the original construction, those who farm the land that it irrigates, those benefiting from flood control, those operating businesses that directly benefit from the lake, and those who enjoy the recreation on the lake and surrounding public lands.

The ceremony at the state park will be open to everyone; however, bus tour seats and barbecue tickets are limited. People wanting to participate in these activities should phone the Swedish American State Bank at (785) 374-4231 no later than May 16 to confirm a spot.

For more information on the events at Lovewell State Park, phone (785) 753-4971 or email [lovewellsp@wp.state.ks.us](mailto:lovewellsp@wp.state.ks.us).

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**Holstein Steer Special:** 4th Tuesday (in conjunction with regular sale)

**Hog Sale:** 2nd & 4th Monday, 11 AM

**Sheep & Goat Sale:** 3rd Saturday, 12 Noon

**Horse & Tack Sale:** Saturday, May 10th, 10 AM

Donald Jordan  
620-899-1012

Jason Cuiksa  
620-899-3596

Ronald Jordan  
620-899-1011

# DONAHUE Trailer Pull-Off

## Steel vs Aluminum: Steel is Still King



7' x 24'

Donahue Stock Trailer

Suggested Retail Price

**\$9,275.00**



7' x 24'

Leading Aluminum Brand

Suggested Retail Price

**\$16,495.00**

### The Road Test

These two trailers were tested under comparable conditions. Each trailer was pulled 240 miles with the same truck at 70 mph. The Donahue trailer made .6 miles per gallon better fuel mileage than the aluminum trailer. Large factors in these results are Donahue features such as the smooth exterior sides and the aerodynamic nose.

### Construction & Durability

Aluminum trailers are not indestructible. They can crack from stress and corrode from manure and road chemicals. If an aluminum weld breaks, it is almost impossible to get it clean enough to produce a weld near its original strength, while steel can actually be made stronger than the original. If a steel trailer has a cracked weld, most ranchers could fix it quickly and easily, decreasing the amount of down time.

### Weight Distribution

Axle placement is an important part of weight distribution and wear on your towing vehicle. The 24-foot Donahue trailer places 17.4% of the total weight on the truck, while the leading aluminum brand has 21.4%. For example, if you haul 12 cows weighing 1,000 lbs. each, you will have only 3,080 lbs. on the truck with the Donahue trailer, while the leading aluminum trailer will place 3,454 lbs on the truck.

### Inside Comparison

Notice how much cleaner the Donahue trailer is on the inside. The Donahue does not have the center gate posts sticking out 4" or the fender wells. Also, the stakes do not continue down to the floor. These features produce a trailer that is less likely to injure livestock and make it easier to clean.

### Maintenance & Cost

During the average life of a trailer, 95% of maintenance consists of axle and tire repair. Aluminum trailers use the same axles as steel trailers, resulting in the same amount of maintenance required to keep your trailer operational.

A leading brand of aluminum trailer will cost you more than twice as much as a Donahue Stock Trailer. Considering the cost of purchasing and maintaining a trailer, the Donahue Stock Trailer is the most economical choice!



#### The Donahue Advantage

The Donahue stock trailer features galvanized sheet metal to prevent rusting in highly corrosive areas.



#### Added Maintenance

Acidizing is required on an aluminum trailer to preserve a clean appearance, which increases costs & maintenance.

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