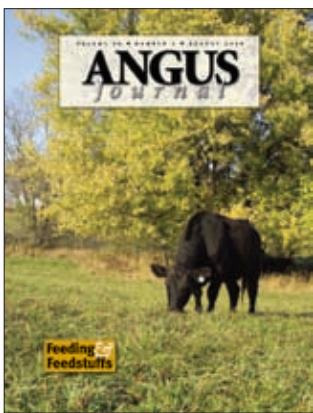




Year in Review

Listing articles from August 2008 through August 2009

AUGUST 2008



- 34 Bowman Named COO**
Bill Bowman promoted to American Angus Association chief operating officer within new organizational structure.
- 38 Board Action**
Highlights of the June 11-13 meeting of the American Angus Association Board of Directors.
- 44 Your Input Needed**
Angus Journal subscribers have an opportunity to participate in the redesign and refocus of their magazine.
- 64 A Look at the Big Picture**
Angus breeders explore beef production systems at Beef Leaders Institute.
- 70 A Celebration of 135 Years of Angus in the U.S.**
Kansas Angus activities commemorate the past and look to the future.
- 72 A New Perspective**
Scott Buchanan trades his duties as a tour host on the Young Cattleman's Conference for a chance to participate.
- 78 Dust Off Your Boots, We're Headin' to Town**
Angus enthusiasts prepare for the 2008 National Angus Conference & Tour this October.

88 Basic Requirements
It is imperative that cattle producers understand the basic nutrient requirements of the cow herd.

94 Close the Loop, Cut Your Costs
At a time when soaring fertilizer and fuel costs gnaw at every beef producer's bottom line, free in-field nitrogen applications seem too good to be true.

98 Bulls and Fescue Toxicity
If you want your bulls performing at the top of their game, know what they are eating.

104 Heat & Fescue: Bad Combination for Heifers
Researchers identify direct links between high temperatures, the consumption of toxic fescue and impeded ovarian development in heifers.

114 Save Hay with Stockpiling
Winter regrowth in some areas makes stockpiling cool-season fescue a hay- and money-saver.

118 Lessons from the Weeds
Even weeds can teach us a thing or two about how to better manage our operations.

122 Prevent Weed Invasions
Use ranch biosecurity as a weed control measure.

126 Wavin' Wheat
OSU Wheat Improvement team and producers benefit from professor's discoveries.

132 Damp Hay a Fire Risk
Monitor your damp bales for the risk of spontaneous combustion.

138 Don't Mess With Mold
Palatability isn't the only thing that should be of concern when feeding hay.

142 So, You Want To Feed Cattle?
If you have courage, patience and a tolerance for risk, a finishing enterprise can complement your cow-calf operation.

174 Boosting Pasture Production
As productive pasture acres are converted to profitable row crops, beef-cow producers look for ways to increase remaining pasture productivity.

180 Alternatives for Reducing Forage Acres
Several alternatives may allow producers to manage the same amount of livestock on fewer acres of forage or carry more cows on the acres of forage they have available.

184 Short-term and Supplemental Forages
Beef cattle producers may look to short-term or temporary forages to stretch production on fewer acres.

186 Alternative Grazing Systems
Improve pasture productivity, extend forage availability or reduce pasture acreage requirements.

188 Managing Pasture Feeding Areas
Producers look to low-cost rations.

192 Using Distillers' Grains in Alternative Cow-Calf Production Systems

196 Forage Systems Reduce Winter Feeding Period
Develop a pasture system that best fits your situation.

206 Determining Quality
Feedstock makes a difference in feeding distillers' grains.

208 Manage Pastures to Optimize Resources
Multiple-pasture system could save nitrogen and hay costs.

217 Hands-on Marketing
After selling his calves outright through a video sale, a Kansas cow-calf producer agrees to partner with a Nebraska feeder.

222 Alabama Achievement
Information, selection and cooperation lead the way.

225 Well-Known Sources
Western New York partnership leads to quality, friendship.

231 Marbling to Top the Market
Alabama cattleman expands his options with a quality plan.

234 CAB Distributors Face Many Challenges
But the road ahead looks positive for those carrying the *Certified Angus Beef*® logo.

236 Cowboy for a Day
Nineteen foodservice salesmen get a taste of ranch life.

239 Dining Out is 'In'
A long-running television series in the Northwest explores CAB message.

242 Brisket Benefits
Healthy fat 'depots' discovered in beef brisket.

244 Rising Food Prices Affect Consumer Confidence
There are ways for consumers and farmers to buffer themselves during the price storm.

246 Broadcast Yourself
CSU professor Temple Grandin works to improve beef's image and animal welfare.

250 Farm Animal Welfare: What Do U.S. Consumers Think?
Most American consumers still understand and appreciate the role of animal agriculture in food production.

253 Like a Good Neighbor
Montana organizations unite to address changing land ownership in their state and offer guidance for being good neighbors.

254 That Old West Magic
Don't miss the 2008 Angus Foundation Benefit Auction and Gala, scheduled to take place Aug. 30.

259 2008 All-American Certified Angus Beef® Cook-Off



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Feeding & Feedstuffs

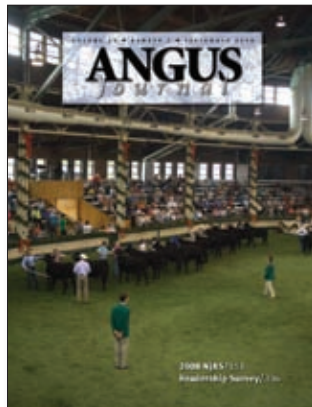
Feeding & Feedstuffs

- 286 A Picture Says a Thousand Words**
Winners of the NJAA/Angus Journal Photo Contest announced.
- 330 9-1-1 for Cattle**
Consider safety, be prepared and willing to ask for help.
- 337 The Green Age**
As environmental pressures thrust cattle into the Green Age, can conventional animal agriculture thrive in a world fixated on “going green”?
- 340 Safety Important Even with Manure Management**
Specialists show farmers and ranchers how to safely operate equipment and work in confined spaces.
- 344 Noah Angus Ranch**
Raising quality, repeatable Angus seedstock is the goal for this father-son team.
- 348 TC Ranch Named Top Seedstock Producer at BIF Symposium.**
- 352 Kniebels Top Field of Commercial Producers.**
- 356 New Frontiers**
Incorporating DNA technology into genetic evaluation and other technologies took center stage at the the 2008 BIF Annual Meeting and Research Symposium.
- 368 Concentrating On Customers**
With the downturn in the economy, service counts even more in the game of gaining and keeping customers.
- 370 New Beginnings**
Two beef enthusiasts are teaming up with a juvenile care facility to help the organization’s mission of creating better opportunities for at-risk youth.
- 376 International Education**
University of Kentucky helps bring cooperative Extension concept to the Republic of Georgia.

2008 Resource Edition



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- 64 The Time Capsule**
Your chance to be a part of Angus history in the U.S.
- 71 Anthrax Overdramatized**
Many cattle producers have only a sketchy understanding of anthrax.
- 76 Bovine Leukosis Virus**
Here’s how you can dodge the bullet.
- 80 Controlling Trich**
California confronts its trich problem with enhanced regulations.
- 82 Don’t Stop Now**
We’re as close as we’ve ever been to eradicating foot-and-mouth disease (FMD) from the Western Hemisphere.
- 86 TB Troubles**
Minnesota beef producers must make modifications in effort to regain TB-free status.
- 90 Not Just a Texas Problem**
Cattle Tick Fever increasingly threatens the U.S. cattle populations.
- 92 New Mexico Prepared**
Defense Center prepares state for agriculture emergencies.
- 120 There’s No Place Like Home**
Animals, including cattle, perform better when they feel at home.



- 123 Don Laughlin Named Director of Member Services**
- 132 Driving Change**
A Kansas family seeks to build something better and to help the next generation.
- 134 Bridging the Gap**
Nebraska technology master wins 2008 CAB Quality Assurance award.
- 138 Good as Gold**
Chappell Feedlot excels in CAB 30.06 program.
- 142 Angus, Naturally**
A Texan comes home to a different English straightbred.
- 146 The Herd That Feedback Built**
Deep in the heart of Texas beats an Angus herd based on feeding and carcass data.
- 296 Filling the Gap**
With passion and opportunity youth can become ambassadors for the agriculture industry.
- 320 Consumer Concerns**
California consumers appear more likely than Kansans to change purchasing habits in the face of foodborne illness.
- 325 A Leg Up**
A Kansas farmer gives college students an opportunity to help.
- 333 Parkinson’s Disease: More Than Just the Shakes**
- 336 We Want Your Input**
Please take a few moments of your time to complete this readership survey.
- 344 Sire Evaluation Overview**
- 366 A Shady Proposition**
There are financial and marketing advantages for mitigating heat stress with shade.

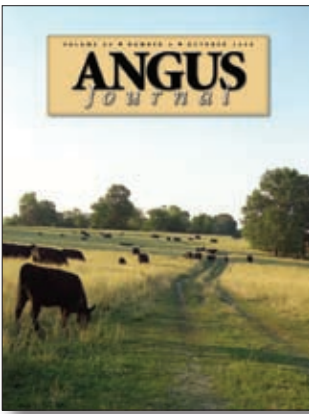
Showing: Summer 2008



National Junior Angus Show

- 151 NJAS Overview**
Junior Angus enthusiasts head to Des Moines, Iowa, for the National Junior Angus Show.
- 161 Parade of Champions**
Junior Angus members lead champions at National Junior Angus Show.
- 174 Competing on the Grid**
Carcass steer contest gives youth real-world experience.
- 176 Showmen Compete**
Young Angus exhibitors earn top showman honors at 2008 NJAS.
- 178 Dreams Do Come True**
A Texas junior’s lifelong dream of winning that familiar silver bowl comes true at the 2008 NJAS.
- 182 Show Like A Champion**
Cheramie Viator explains and demonstrates the finer points of showmanship.
- 184 Herdsmanship**
From decorating to cleaning, herdsmanhip requires all.
- 186 Delightful Design**
NJAA graphic design contest raises the bar.
- 188 Silver Anniversary**
Cook-Off looks back to its roots for 25th anniversary.
- 194 The Original Cooks**
- 196 Juniors Meet Gold Standards**
Twenty-five NJAA members achieve Gold Award status.
- 205 Auxiliary Winners Find ‘Gifts’**
Auxiliary scholarship winners announced at the 2008 NJAS.
- 210 At the Backdrop**
Juniors compete for multitude of honors.
- 228 Soda or Pop?**
Tabs from aluminum cans have the potential to bring communities together for a good cause.
- 232 The Gift That Keeps Giving**
Junior members give from the heart a gift that will reach mothers and children in need.
- 236 Come ‘n Get It!**
Generous support from several state groups provided complimentary meals to NJAS attendees.

OCTOBER 2008



- 33 Breeders' Reference**
Reporting Abnormal Calves is an Opportunity for Proactive Breeders.
- 36 Agricultural Media Summit**
Angus publications and media were honored in sunny Tampa, Fla.
- 60 The Good, Bad and Ugly of Biofuels**
- 67 Limestone LLC Donates Foundation Heifer**
- 68 Louisville Preview**
Association members will conduct 125th Annual Meeting, and delegates will elect five new Board members. See page 72 for Board Candidate profiles. State delegates are listed beginning on page 80.
- 95 Take It To The Top**
Young NJAA leaders "Take it to the Top" at annual leadership conference.
- 109 Recreation, Recognition and Rewards**
For more than 50 years the Angus Auxiliary has promoted the breed by sharing fun and funds.
- 126 Great Expectations**
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- 132 Adapted and Amazing**
A Wyoming ranch proves cows that live on salt sage and rocky slopes can hit the CAB target.
- 138 Beef Northwest**
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- 145 The Next Level**
Oklahoma feeders dish out professional results, personable style.
- 152 Staying the Course**
Veteran CAB partner in

western Nebraska hits a high mark for quality and service.

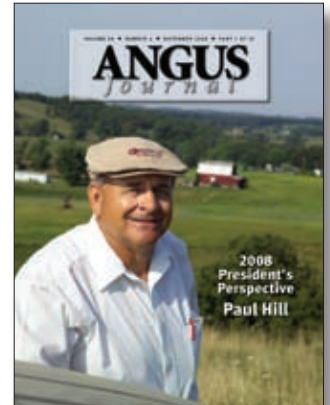
- 158 Reduce Stress, Increase Success**
Focus on genetics, management and cattle comfort increases quality.
- 164 Quality Over Quantity at David Ranch**
Results speak volumes for CAB award winner.
- 168 The Angus Connection in Hereford**
Feeder's ingenuity, pace and effectiveness earn CAB award.
- 174 Marbling: Good for You**
Texas meat scientist explains health advantage of high-quality Angus beef.
- 180 When Two Worlds Collide**
New York City chef meets Montana ranchers and finds a common thread.
- 216 Ammoniation Considerations**
Evaluate nitrogen and straw costs before ammoniating low-quality forages.
- 222 Windbreak Wisdom**
A Nebraska-based forester shares tips to ensure windbreak health and longevity.
- 228 The Art of Buying Standing Hay**
Buying standing forage might be your best option in a tight hay market, but you'd better make sure you do your homework.
- 236 Tug of War Over Animal Disease Research**
Homeland security wants to move research on foot-and-mouth and other diseases from Plum Island to the U.S. mainland.
- 241 The U.S. Prepares for Rift Valley Fever**
Health officials try to head off this mosquito-borne disease.
- 246 Be On Guard for Rabies**
Because it can look like other conditions, diagnosis of the fatal virus is often delayed.
- 252 Animal Welfare: Do We Need Industry Standards?**
Industry experts share consumer attitudes, activist agendas.
- 258 A Whole New Perspective**
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- 261 Environmental Honors**
Seven U.S. cattle operations win environmental award for 2008.
- 267 2008 Cattle Industry Summer Conference**
Challenges and changes are on the horizon for beef producers and organizations.
- 284 Rancher Trades Boots With Fish and Wildlife Service Official**
- 286 Total Commitment**
Dedication to performance earns BIF Seedstock Producer of the Year honor.
- 292 BIF Headlines**
Coverage of the 2008 BIF Symposium.
- 295 Board Action**
Highlights of the Sept. 3-5 meeting of the American Angus Association Board of Directors.
- 301 Scars of Strength**
One mistake changes an Iowa farmgirl's life forever.
- 307 Beef Up Your Metabolism**
Eating breakfast, getting ample rest, regular exercise and eating lean beef are key ingredients to having more energy and keeping extra pounds at bay.
- 311 Ready To Fly**
Hard work, academics and character earn Texas junior Air Force Academy appointment.
- 316 Making Waves**
The 2007-2008 NJAA retiring officers step down after creating conferences, community service projects and having a great time together.
- 322 Angus Royalty**
Young ladies from across the nation donned their banners and crowns and lent a helping hand at the National Junior Angus Show.
- 324 Youth Marketing**
South Dakota and Colorado youth use a national platform to find their niche in the beef industry.
- 326 Maryland Sisters Succeed Together**
Rocky Ridge, Md., sisters exhibit hard work and sound decisions in showing success.
- 330 Opportunities Abroad**
Strong first-half beef exports to Russia, European Union confirm beef industry leadership's findings.

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NOVEMBER 2008



- 43 Angus Heritage Celebrated at Kansas Angus Field Day**
Producers, descendants and area citizens gather to honor Angus visionary.
- 52 Cattlemen's Boot Camp set at Kansas State University**
- 56 Board Action**
Highlights of the Sept. 3-5, 2008, meeting of the American Angus Association Board of Directors.
- 77 Champion of Opportunity**
American Angus Association President Paul Hill isn't bashful about seizing opportunity or providing it to others.
- 84 President's Perspective**
Association President Paul Hill weighs in on the issues of the day.
- 94 Celebrating 'That Old West Magic'**
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- 99 The Power of One Vision**
The Angus Foundation continues to see the possibilities in education, youth and research funding.
- 108 Funding Excellence**
Missouri Angus breeder sees the "value" in NJAA Carcass Steer Contest.

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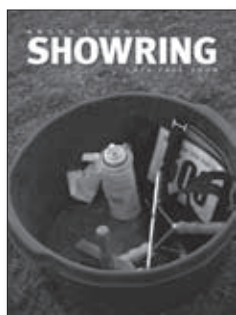
▶ YEAR IN REVIEW

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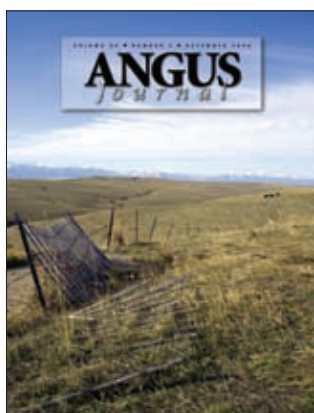
- 136 Beef Industry Leader**
Angus remains strong in 2008, continues to lead the beef industry.
- 146 Ultrasounding Heifers**
Producers, experts weigh in on how ultrasound can best be used in selecting replacement heifers.
- 150 Cull or be Culled**
Reducing herd size to match one's limited forage and feed resources might be worth considering, but like any business decision, think it through first.
- 156 Cutting Costs**
Producers need to be cautious of how they're spending money.
- 160 Novel Fescue Stocker Strategy**
With the price of light calves starting to drop at the sale barn, having a weaned-calf fescue grazing strategy could make all the difference to the bottom line.
- 166 Beef Producers Act on Groundwater**
Eastern Washington beef producers and feedlot operators go proactive on issues relating to groundwater protection.
- 175 Weed Hound**
Man's longtime companion is enlisted in the quest to preserve pasture quality.
- 190 Celebrating 30 years**
The brand showcases commitment to quality and producers.
- 193 CAB: 30 Years Young**
As the American Angus Association celebrates its 125th anniversary, Certified Angus Beef LLC celebrates its 30th year.
- 202 Adding Value With Carcass Quality**
Relocation, portable equipment and a major expansion don't keep couple from producing top-quality product.
- 206 Partnering in Success: Ashland Feeders**
- 217 COOL Compliance**
Recordkeeping should begin immediately, though violations won't be cited in the six-month education period following Sept. 30 implementation.

- 222 BQA 'Train the Trainer' Manual Released**
- 233 Fueling the Farm**
Using waste for energy and independence.
- 236 Ethanol and Food Prices**
USDA says many factors besides corn-based ethanol production contribute to rising food prices, but industry groups have joined together to urge that food be prioritized over fuel.

232A *Showing*: Late Fall 2008



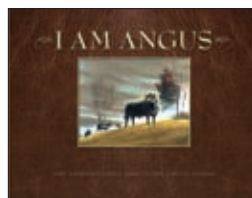
DECEMBER 2008



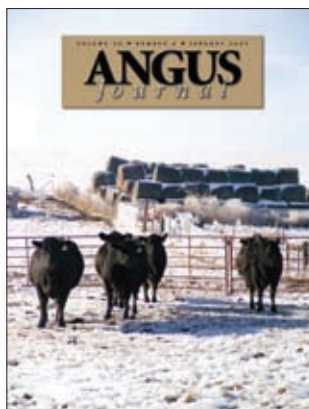
- 54 Year-end Statistics**
Angus breed remains strong with 333,766 registrations.
- 58 100+ Club**
Members who registered 100 or more head in FY 2008, by number of head registered
- 68 An Angus Gathering**
Oklahoma hosts 2008 National Angus Conference & Tour.
- 85 Touring Cowboy Country**
National Angus Conference & Tour features Oklahoma cattle producers, industry.
- 96 More Changes Coming to Medicare in 2009**
- 104 Loseke Feedyards**
Six generations, two vets and 2,500 head

- 110 Calving Condition**
Do cows have to be BCS 5 at calving?

2008 American Angus Association Annual Report



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- 62 Champions Named in Louisville**
Coverage of the NAILE in Louisville, Ky., includes results of the super-point ROV (page 62) and the junior show (page 70).
- 72 New Leadership**
Delegates elect leaders at Association's 125th Annual Meeting.
- 76 Steady Progress**
Bronze sculpture takes Vision of Value campaign to \$5.12 million.
- 78 Celebrating Heritage**
American Angus Association inducts Angus Heritage Foundation honorees.
- 142 Fight Frostbite**
Frigid temperatures can be a serious threat to man and beast.
- 2007 Angus Foundation Annual Report**
- 40 Arthrogyposis Multiplex: Q&A**
- 44 AM: Registration Policy**
Policy of the American Angus Association relating to the registration status of potential and known carriers of arthrogyposis multiplex (AM).
- 70 Carbon Credits Are Worth Real Money**
But, like any commodity, the value varies.
- 78 Pasture Rent**
Pasture rents climbing higher, faster? Blame it on ethanol.
- 96 History Meets Precision**
This ninth-generation family farm keeps up a tradition of responsibility to customers and community.
- 98 Living a Legacy**
Heritage, lifestyle and hope for a high-quality future drive South Dakota ranchers.
- 104 Documented Dollars**
Taking nothing for granted, Minnesota Angus Farm proves added value.
- 114 Improving Reproductive Efficiency**
Symposium features ways to improve reproductive efficiency in beef herds.
- 178 Cow-Calf Buffet**
As it applies to cattle performance and stocking rates on summer irrigated grazing ground, Utah State University researchers have discovered that three forages are better than one.
- 188 Giving Utah Beef a Future**
With rangeland beef producers in Utah facing higher production costs and questions about the future of grazing on public land, Utah State University researchers are prepared to give them the cows and the system they need to remain economically viable through the 21st century.

FEBRUARY 2009



198 Yellow Star Thistle
A three-year California study suggests controlling star thistle with timely grazing.

208 Wind Energy is Feasible
A recent study found that wind turbines can pay for themselves in as little as nine years or in as much as 30 years.

216 California Will Host BIF Symposium

216A 2008 American Angus Auxiliary Annual Report



218 Creating Your Ranch Legacy
Successfully passing a ranch from one generation to the next requires transferring management responsibilities as well as financial assets.

250 Today
Newly crowned Miss American Angus Katie Gazda shares her speech delivered during the 2008 contest in Louisville.

256 Making a Difference
If you think a junior high student doesn't have the qualities needed to make a major contribution to her community, then you haven't met Mackenzie Forman.

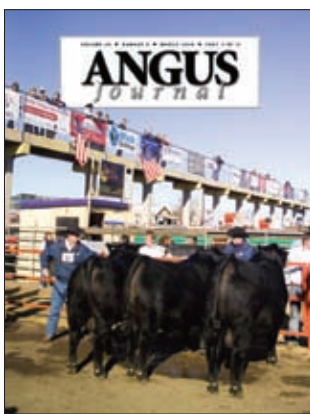
282 More Than a Helping Hand
In the spirit of sharing, Heifer Project International (HPI) makes available the tools to empower agricultural communities around the globe.

288 Angus Inspiration
Montana ranch wife Karen Boylan is inspired by the Angus scenes surrounding her.

240A Winter 2009 Showring



MARCH 2009



64 Breeders Aggressive Against AM
Angus breeders testing to eliminate AM from the gene pool.

70 Commercial Connections
Small-scale breeders combine genetics and management for bull sale success.

76 More Bang for the Buck
Group sales help producers earn more. Tips from veteran breeders can help you set up a sale.

86 Keep Them Coming Back
Three top seedstock producers agree that these days it takes more than a good-looking bull to keep the customers coming back year after year.

94 Customer Service
Angus breeders build relationships with feeder-calf sales for bull customers.

101 Angus and the Russian Revolution
This fall, 250 registered Angus heifers and 10 bulls were exported from the U.S. to the Kaluga region of Russia — representing a monumental first step toward the development of a new frontier.

108 NWSS in Denver
Coverage includes—
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Livestock Marketeers Hall of Fame112
Junior show114
Bull sale show and sale . 122
Foundation Heifer Package.....130
Carload and pen show.. 136
Herdsman'ship winner... 144

141 Gift of the Horse
The Auxiliary raises \$11,000 during the National Western Stock Show to support Angus youth.

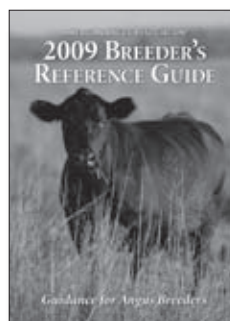
154 Calling all believers
If you're a quality-focused producer and you find success implementing some of the suggestions in the *Best Practices Manual*, we'd like to hear (and reward you for) your story.

158 Feed to Lead
Texas Angus Association directors learn, demonstrate through steer feeding project.

169 Star Power
CAB provides 'license to thrill' for Wood Ranch.

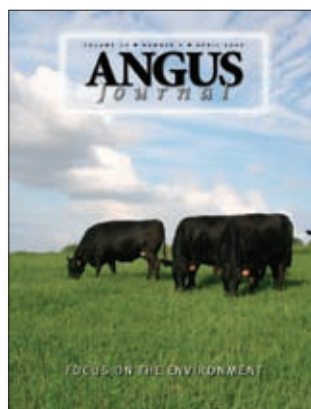
236 Experts Explore Reproductive Technology
The mechanics of natural service and AI breeding, reproductive health issues and the future of genetic selection were the focus of ARSBC's Wednesday lineup.

240A 2009 Breeders' Reference Guide



290 Coverage of the 2009 Cattle Industry Annual Convention and NCBA Trade Show
Members Elect Officers, Direct Policy290
Behavior and Grazing Management . 292
Attitude is Greatest Challenge293
Message to Farm Families: Communicate 294

APRIL 2009



38 Board Action
Board conducts February business

46 Report Abnormal Calves
Association requests reporting of calves with certain abnormalities.

50 The AAA Login Advantage
American Angus Association offers resources around the clock.

78 National ESAP Winner
Yon Family Farms is all about good stewardship.

92 Grazing to Biodiversity
While some consider cattle grazing an adversary of biodiversity, a recent California study on cattle grazing in vernal wetlands says otherwise.

100 Weeds, Water and Cattle
Our weed researchers in the West are sounding the alarm on invasive plants and the role they play in depleting our already threatened water resources.

110 Harvesting the Wind
Colorado ranch evaluates the potential of harnessing wind energy.

162 Signs of a Chain Reaction
More producers are finding a common cause with CAB.

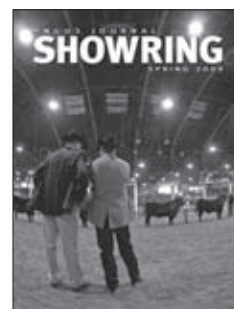
166 Keeping Customers and Cattle Happy
Veterinary background, proactive approach work wonders at Ranger Feeders.

173 What Cowmen Want
Beyond genetics, what is desired in the way of breeder services?

178 Industry-Driven Dairy Herd Retirement
It isn't a government buyout, but will it hurt the cattle market?

190 California Beef Rush 2009
An International Beef Improvement Conference is set for Sacramento, Calif., April 30-May 3, 2009.

192A Spring 2009 Showring



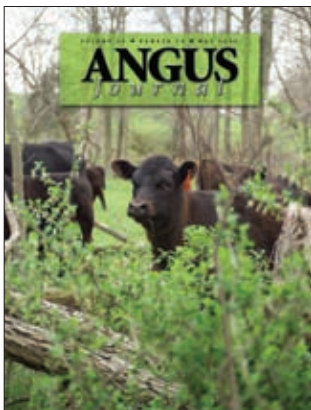
193 Healthy & Helpful Web Sites
From online medical information to farm safety

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tips, these web sites offer a wealth of health information.

- 194 From Cows to Curtain Calls**
Angus enthusiast Cara Ayres and her Montana friend Beth Schreiber are taking their musical talents to the stage.

MAY 2009

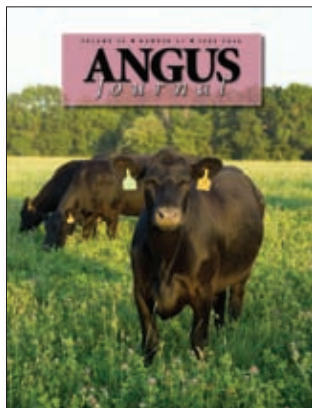


- 34 Plans Announced for 2009 LEAD**
Register by June 15 for early registration discount.
- 54 Beef Processing 300**
From holding pen to dinner plate, Northwest beef producers get hands-on experience processing the product that pays their bills.
- 62 Recession + Consumers = Changes in Buying Habits**
Insight into how consumers choose whether or not they'll buy beef.
- 68 Connecting with Consumers**
Snow Creek Ranch has found a niche selling its home-raised, natural beef directly to consumers through Denver farmer's markets.
- 74 Merriman's Does Beef Proud**
The home of Hawaii regional cuisine wins National Beef Backer "Innovator of the Year."
- 112 Sweet Southern Showdown:**
The 2009 National Junior Angus Show is set for July 19-25.
- 114 Planning for Perry**
Georgia will host the 2009

National Junior Angus Show, July 19-25.

- 116 Test On Its Way**
Research identifies mutation, source of neuropathic hydrocephalus (NH); test is in the pipeline.
- 123 Primed for CAB Natural**
Illinois grower produces cattle for the top tier of the market.
- OL* A Taste of the Hawaiian Range**
Americans love their beef, and this has been proven for 13 years at the Big Island of Hawaii's premier food festival.
- OL Portion Patrol**
As America's super-sized meals continue to get larger, so have waistlines. Here are methods to cut those portions down to size.

JUNE 2009

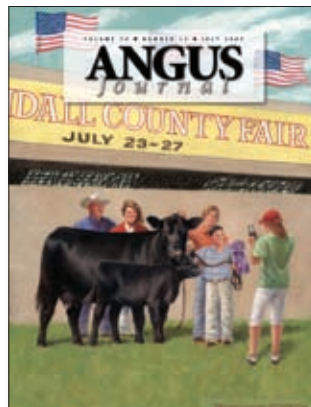


- 48 Moving the Beef**
First CAB distributor continues to sell the best.
- 54 The Early Weaning Fast Track (Part 1): Think Early**
Why the grass may be greener on the other side of the early-weaning fence.
- 58 More than a Flash**
Western Oklahoma ranchers use Angus for "best steak possible."
- 69 Means to an End**
Michigan partnerships promote healthier cattle.
- 78 Drought Management Mistakes**
Texas livestock specialist offers practical tips for

avoiding common mistakes in managing the beef enterprise during drought.

- 105 Don't Diet**
Instead, adopt these eight healthy habits.
- OL On Common Ground**
After decades of standing on opposite ends of issues, environmental organizations like The Nature Conservancy and beef producers are now joining forces to face a common adversary — invasive plant species.
- OL Grain Prices Affect Entire Livestock Production Cycle**
The biological timeline of livestock production prevents quick producer response to fluctuating feed costs.
- OL We Care; We're Capable**
As consumer interest in the topic of animal welfare mounts, the livestock industry must better demonstrate and communicate animal care practices.

JULY 2008



- 40 Association, API Announce Interns**
- 42 Smooth-working Layout Boosts AI Success**
Here's how a veteran Angus breeder scores a high conception rate.
- 51 Wizard with Steel**
Angus producer recycles his way to a solid cattle-handling facility.

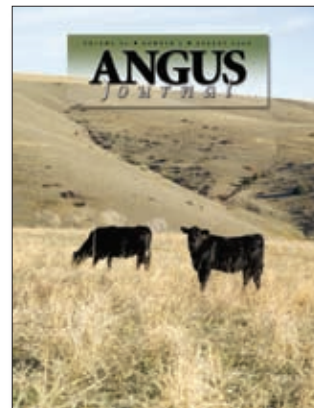
- 68 Pioneering Progress**
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- 86 Working for a Living**
The Wilkes spend time with cattle, crops and family.
- 88 The Early-Weaning Fast Track (Part 2): When Sooner is Better**
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- 94 A 'Voogt' for Profitability**
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- 98 Putting Business into the Business Breed**
The Michigan Angus Association is working on a strategic plan to guide them successfully into the year 2020.

- OL Strong Ties in the West and Beyond**
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- 32 Board Action**
Highlights of the June 10-12 meeting of the American Angus Association Board of Directors.
- 39 Board Adopts AM, NH Policy**
Combined policy expands window of registration, provides commercial producers information for decision-making and

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protects the genetic integrity of the breed.

66 Angus Producers Explore Industry at Beef Leaders Institute

Participants learn, bond and become advocates for the beef industry.

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Angus veteran Jim Shirley dedicates almost 25 years to members of the American Angus Association and their commercial customers.

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You don't necessarily have to spend money to save money when feeding cattle through the winter.

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138 Carson Feeders Inc.
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150 Old World Artisans
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OL Behind the Menu Price
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OL Quality in the Price Equation
Packers, distributors and foodservice industries all have to balance the cost/sales formula.

OL Meatcase Math
How retailers establish beef prices.

