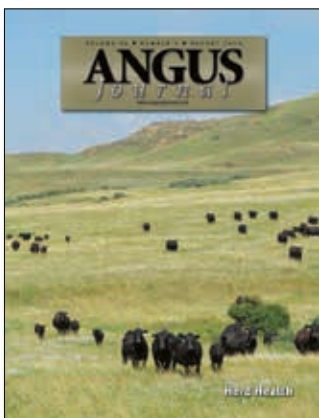




# Year in Review

► Listing articles from August 2012 through August 2013

## AUGUST 2012



### 26 Board Action

Highlights of the June 6-8 meeting of the American Angus Association Board of Directors.

### 48 Trade Up

API's new online auction — [www.angustradingpost.com](http://www.angustradingpost.com) — provides Angus breeders with new marketing opportunities for Angus cattle, semen and embryos.

#### HERD HEALTH



Herd Health

### 50 Risk Management

If you're looking to cut costs, your herd health program is not the area.

### 52 Set Calves Up for Immunization Success

A calf must be able to respond to vaccination in order to build good immunity.

### 55 Vaccine Selection

The best vaccine decisions come with local veterinarian's input.

### 58 Quality BVD Testing

Researcher stresses the need for high-quality testing, despite the costs.

### 60 Trich Prevention: Awareness, Vigilance are Key

Trich is bound to keep showing up in more unsuspected regions than the West, given interstate marketing and movement of cattle.

### 66 What You Need to Know About Lepto

If you're experiencing unexplained reproductive losses in your herd, leptospirosis could be the culprit.

### 70 FMD Considerations

APHIS shares current plans of action for potential FMD outbreak, calls for input.

### 76 National Bio and Agro-Defense Facility Update

Will the Plum Island Animal Disease Center make a move inland to Kansas?

### 80 Profitability Starts with a Live Calf

Management strategies from heifer and bull selection to assisting with delivery help assure calves get a good start in life.

#### HERD HEALTH

### 109 A Drop in the Bucket

New media adds to vast sea of information, but with unique opportunities.

### 112 Chatting Up Both Sides

Ohioan knows the beef business from start to finish.

### 114 Pride and Economic Sense

Aiming high is all business for these Nebraska ranchers.

### 118 Generations

Supported by roots that go way back, they look forward to a future with Angus cattle.

### 120 Turning 60?

If you are approaching your golden years, consider the expertise of this farm/ranch transition specialist.

### 122 Determining the Future of Your Business

Frequent farm and ranch

estate-planning mistakes.

### 138 ROV Show: Atlantic National, Timonium, Md.

### 142 Proud to be a Cattleman

Young Cattlemen's Conference helps develop leadership skills in U.S. cattle producers.

### 146 The Future of the Beef Industry Lies Within its Producers

Twenty cattlemen and women experienced beef's pasture-to-plate cycle.

### 150 Chefs Beef Up Their Knowledge

Chefs study beef production from pasture to plate.

### 152 Consumer Focus

Fourth time's the charm.

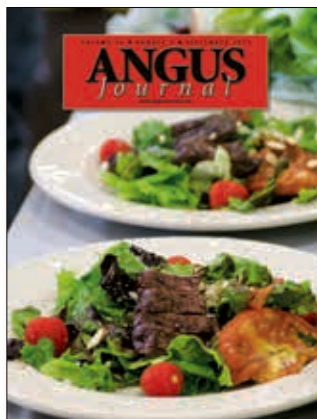
#### HERD HEALTH

### 156 Beef Cattle Welfare Discussed

Symposium engages industry stakeholders in constructive dialogue on current and emerging beef cattle welfare issues.

#### HERD HEALTH

## SEPTEMBER 2012



### 26 A Young Supporter

Former Miss American Angus Emily Tennant is driven to give back to the Angus breed.

### 32 French River Buys Auxiliary Heifer

Proceeds from the purchase benefit the Auxiliary's scholarships and awards endowments within the Angus Foundation.

#### NJAS 2012



### 53 In a League of Their Own

National Junior Angus Association members gather in Louisville, Ky., for a week of competition and fun at the National Junior Angus Show.

### 66 Cattle Stand Out in a League of Our Own

Champions named at 2012 National Junior Angus Show.

### 75 Satee Named Junior Herdsman

### 76 Making the Grade at NJAS

The carcass contest helps Angus juniors see a bigger picture of the beef industry.

### 78 Best of the Best

States send their top showmen to compete for national honors in the National Junior Angus Showmanship Contest in Louisville, Ky.

### 80 Showmanship's Most Valuable Player

Jessica Radcliffe earns top honors in showmanship.

### 82 10 Tips for Winning Showmanship

Showmanship can be won with hard work and these tips.

### 94 The Scoop on Herdsmanship

Judges give tips to score well in the herdsmanship contest.

CONTINUED ON PAGE 316

- 100 Swinging for the Fences**  
Angus juniors receive Auxiliary scholarships during "A League of Our Own" in Louisville, Ky.
- 110 Investing in the Next Generation**  
Angus Foundation scholarships awarded during the 2012 National Junior Angus Show.
- 118 A Golden League**  
Twenty-nine NJAA elite qualify for top honor in National Junior Recognition Program.
- 130 Leading By Example**  
Paige Wallace named 2012 outstanding leader at the National Junior Angus Show.
- 132 Visionaries for the Angus Breed**  
Individuals honored for their commitment to Angus youth as 2012 Honorary Angus Foundation inductees.
- 136 Hymels named Advisors of the Year**  
Louisiana Junior Angus Association volunteers honored as 2012 Advisors of the Year.
- 138 The New Green Jackets**  
Six young leaders were elected to the National Junior Angus Association Board of Directors.
- 140 Heavy Hitters Mentor Future Players**  
NJAS Mentoring Program is an opportunity for junior Angus members to experience the NJAS to its fullest.
- 144 Experience is Everything**  
Youth gain valuable career-development skills during the 2012 National Junior Angus Show.
- 146 Lights, Camera, Angus!**  
New NJAS contest shows juniors' creativity through videos.
- 148 Graphic Material, No Warning Needed**  
Angus juniors show off their tech-savvy creativity and marketing know-how in the NJAA Graphic Design Contest.
- 150 Prepared Public Speaking**  
NJAA members share beef's story through prepared public speaking contest.
- 156 Creative Writing, Creative Ideas**  
Creativity is abundant in NJAS writing winners.
- 160 2012 NJAA Photo Contest Hits a Home Run**  
Winners of the NJAA/*Angus Journal* Photo Contest are announced at Louisville.
- 188 Fan Favorite Photo Contest**  
Successful inaugural photo contest gives exposure to young photographers.
- 192 Creativity in the Kitchen**  
Angus juniors share the story of *Certified Angus Beef®* during cooking competition.
- 195 2012 Cook-Off Cookbook**  
Contestants share recipes from the 2012 Auxiliary-sponsored Cook-Off.
- 214 At the Backdrop**  
Juniors were recognized for their accomplishments July 20 during the 2012 NJAS Awards Ceremony.
- 222 Silent Auction Grosses \$13,800**  
Proceeds will benefit the Angus Foundation and its youth, education and research efforts.
- 227 Golf Tournament Grosses \$14,400**  
12th Annual Angus Foundation Tournament proceeds will benefit the Angus Foundation's youth, education and research efforts.
- 230 Scoring the Crown**  
Inside advice on becoming royalty.

NJAS 2012

- 246 Rethinking Growth Enhancements**  
Using fertilizer is a standard practice for farmers. Why don't beef producers view growth promotants the same way?
- 248 Parasite Toolbox**  
Put grazing in your parasite toolbox.
- 250 Corral the Quality Thieves**
- 258 Hopp To It — Top Quality, That Is**  
Kendall Hopp is named

2012 CAB Quality Assurance Officer of the Year.

- 260 Prime Plans Pay**  
Angus became a family tradition in the Larsons' quest for Prime.
- 262 What's Hiding?**  
Several factors influence USDA black-hided number.
- 264 Exactly What Feedyards Want**  
Grid, pen closeouts show contrasting values.
- 266 Eng Honored at Feeding Quality Forums**  
Nutrition consultant wins 2012 Industry Achievement Award.
- 278 Moving the Industry Forward: Pillars of Beef Chain Success**  
Key findings of the checkoff-funded 2011 National Beef Quality Audit.



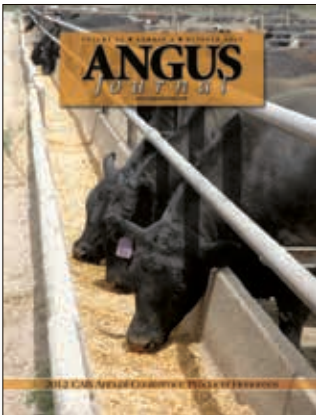
- 281 Cattlemen's Summer Conference**  
Cattlemen discuss current issues, set course for policy and checkoff efforts at the 2012 Cattle Industry Summer Conference.
- 281 Pay the Rent**  
Keynote speaker shares positive outlook on future of American agriculture.
- 282 House Tackles Death Tax, Senate Strays**  
Leaders look for permanent estate tax relief.
- 282 Update: House Votes to Extend Tax Relief Through 2013**
- 282 Animal Well-being and Advocacy in One**  
The ANCW Animal Well-Being Committee shares advocacy efforts.
- 283 2011 NBQA Documents Improvement, Establishes Critical Benchmarks**  
Eating satisfaction, product integrity and telling the industry's story are seen as key to industry's future.

- 284 ANCW Taking Beef to the Classroom**
- 285 Market Still Positive**
- 286 Support of Checkoff Remains High**  
Backing continues despite current pressures on industry.
- 286 Emerging Health Research, Issues**  
Schmallenberg virus, low-stress weaning and pulmonary disease are three of the issues discussed.
- 287 Beef Consumer Insights**  
Millennials are focus of new checkoff-funded consumer research.
- 288 Consumer Trends Continue to Change**  
Understanding those trends helps industry create new products, recipes.
- 288 Outstanding Promoter, Educator**  
ANCW honors two of its own for outstanding advocacy, education efforts.
- 289 Farr Scholarships Presented**  
2012 W.D. Farr Scholarships presented to students in animal science, the environment.
- 290 Stewards of the Land**  
Cattle ranchers honored for outstanding environmental stewardship.

- 298 Youth Opportunities in Today's Beef Industry**  
Programs available for today's youth.
- 300 Mind Over Matter**  
Take time to think about what messages you are feeding your mind.
- 302 Problem Solvers**  
AgrAbility's online database, The Toolbox, offers ideas for overcoming farm and ranch obstacles.
- 304 WTO Rules on COOL Appeal**  
The United States may provide origin information to consumers; Canada requests amendment to cease live cattle segregation in lieu of retaliation.

- 308 EPA Defends Aerial Screening**  
Cattlemen dissatisfied with EPA explanation of aerial surveillance.
- 312 New Era for Trade**  
Trans-Pacific Partnership (TPP) on the horizon.
- 314 Global Growth**  
The world's burgeoning population offers vast opportunities for American ag exports.
- 316 From Russia's Frontier**  
Meet a Nebraskan who is helping Russians grow their beef industry — and their independence.
- 326 Eastern Regional Junior Angus Show**
- 334 ROV Show:** The All-American Angus Breeders' Futurity, Louisville, Ky.
- 336 Roll of Victory:** 2011-2012 ROV final point standings.
- 339 Farm Bill 2012**  
Ag update on where the Farm Bill stands as Congress leaves for recess.

## OCTOBER 2012



- 36 Association to Host Annual Meeting**  
Yearly event brings together Angus members from across the nation.
- 40 Angus Candidates**  
Ten members announce candidacy for the American Angus Association Board of Directors.
- 52 Delegates Selected**  
A complete listing of delegates and alternates to the 2012 Convention of

Delegates of the American Angus Association.

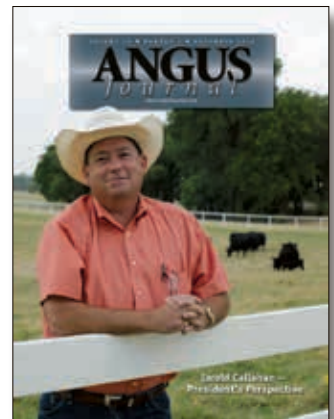
- 58 Pick of the Crop**  
Connealy Angus to donate pick of the 2012 spring heifer crop to headline 2013 Angus Foundation Heifer Package.
- 66 Angus Youth Participate in LEAD Conference**  
National Junior Angus Association members travel to Fort Collins, Colo., for networking and leadership training.
- 72 NJAA Selects Ambassador**  
Lauren Adcock, Illinois, was selected to represent the National Junior Angus Association worldwide as the NJAA's first-ever Angus Ambassador.

### 2012 CERTIFIED ANGUS BEEF ANNUAL CONFERENCE



- 82 Planning Perfection**  
Family teamwork keeps this iconic Minnesota family on course.
- 88 Always Better**  
Unwavering drive to improve guides Nebraska commercial Angus family.
- 94 Aiming Higher and Higher**  
A Kansas feedyard stands out as a leader across several aspects of the CAB program.
- 100 Details From the Wall**  
CAB Partner of the Year raises sire groups to feed the river of data, satisfy consumers.
- 106 Size Neutral, Quality Positive**  
This winner is so much more than a feed company.
- 114 Quality Motives**  
Two-way communications build success, cut risk for Quality Focus Award winner, customers.
- 126 Must. Have. Data.**  
CAB Progressive Partner and customers are hooked on herd improvement.
- 158 Central Bull Test Listing**
- 168 Ultrasound Technicians**
- 186 Cornstalks**  
Range cow nutritionist calls cornstalks an underutilized grazing resource.
- 190 Do You Have a Drought Plan?**  
Managing grazing resources as usual will have consequences.
- 194 Jim Robb Offers Economic Update**
- 196 Mixing Beans, Beef**  
Illinois producer pushes to build feed and beef businesses together.
- 200 Organizing for Quality**  
Missouri effort builds on heifer program, branches out to feedyards and packers to provide cow-calf producers a system to capitalize on quality beef focus.
- 204 Angus Talk Podcast Available on iTunes**
- 208 'Beef Counts' Truly Makes a Difference**  
Idaho cattle producers donate nutrient-rich beef to help end hunger, while positively telling their story and inspiring other cattlemen and women to do the same.
- 211 Creating Opportunity in Rural America**  
Outreach program offered by the University of Nebraska College of Technical Agriculture at Curtis helps those who want to ranch.
- 215 A Passion for Angus**  
Hard work and a grateful attitude help fuel this Idaho junior's Angus and industry passion.
- 254 ROV Show:** State Fair of West Virginia, Lewisburg, W.Va.
- 254 ROV Show:** Illinois State Fair, Springfield, Ill.
- 255 ROV Show:** Western Idaho Fair, Boise, Idaho
- 258 MaternalPlus Provides Genetic Advancement**
- 263 Sire Evaluation Report Overview**  
Here's an overview of the data in the *Fall 2012 Sire Evaluation Report* published in September.

## NOVEMBER 2012



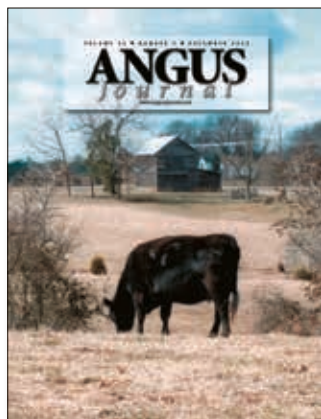
- 40 Board Action**  
Highlights of the Sept. 11-13 meeting of the American Angus Association Board of Directors.
- 47 Forging Trails**  
A student of the cattle industry, Jarold Callahan was well-equipped to help lead the American Angus Association through uncharted territory.
- 52 President's Perspective**  
Jarold Callahan shares his perspective on serving the American Angus Association Board of Directors.
- 66 Come Home to Kansas**  
National Angus Conference & Tour gives educational program and hands-on tour of Kansas ranches.
- 75 Angus Foundation Launches New Website**
- 76 Pick of the Crop**  
Connealy Angus to donate pick of the spring heifer crop to headline 2013 Angus Foundation Heifer Package.
- 78 Angus Foundation Funds Genomic-sequencing Project**  
DNA sequence data on Angus bulls could improve future accuracy in genomic-enhanced expected progeny differences (GE-EPDs).
- 112 Lighter Heifers Lose Nothing**  
Save on feed and maintain performance.

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## ▶ YEAR IN REVIEW

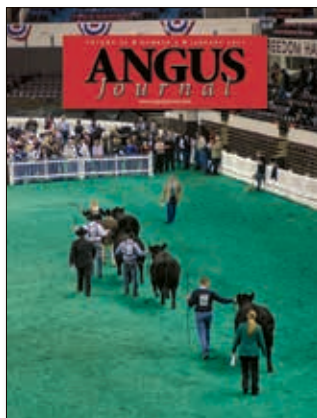
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- 120 Eyes on Efficiency**  
North Dakota researchers focus on Angus genetics for efficiency on the range and in the feedlot.
- 134 Traditional Improvement**  
Oklahoman aims to satisfy all customers.
- 138 Way Beyond Just Black**  
Nebraska couple capitalizes on the difference.
- 140 Carcass Data Project Winners Named**  
Enrollments double, gain and grade showcased.
- 144 High-quality Beef Grilled**  
CAB® brand partners enjoy record June.
- 146 Uniform Higher Quality**  
Move toward consumer target boosts beef industry.
- 152 Feedyard Feedback**  
Feedyard managers share what they are experiencing with regard to feed supplies and placements.
- 157 Angus Ambassador**  
Youth member selected to represent American Angus Association.
- 162 Estate Planning 1, 2, 3**  
‘Do your homework’ and ‘Be patient’ are among the insights this specialist offers.
- 166 Saving The Sage Grouse**  
Initiative aims to prevent this bird from becoming a “spotted owl” situation for ranchers.
- 168 Why Wildlife Need Escape Ramps**  
A guide for adding these structures to your ranch.
- 186 ROV Show:** Oregon State Fair, Salem, Ore.
- 186 ROV Show:** Tennessee State Fair, Nashville, Tenn.



- 54 Card Challenge Enters Phase II**  
Angus Foundation and Intrust Bank announce second phase of card challenge will take place Oct. 1 through Dec. 31.
- 56 Angus Night on the Mountain II**  
Tom and Lois Ames of Spruce Mountain Ranch will host Angus Foundation fundraiser Jan. 16, 2013.
- 59 Digital Walkthrough**  
Here’s how to activate and navigate one of the newest features of the *Angus Journal*.
- 91 Facing Reality: Feed Price Volatility**  
How are you preparing?
- 98 Flashback: 2001 ‘Aim High’ Subject Hits Target**  
Proof that Moore cattle get better.
- 108 The Prime Directive**  
Improved genetics, focused selection transform an elusive grade into a logical target.
- 110 Designed to Succeed**  
South Dakota feeders fill their barns with the best.
- 116 Keeping the Right Ones**  
GMX™ gives commercial producers a way to analyze replacements with more than a critical eye.
- 122 RFS Waiver May Offer Little**  
FAPRI analysis suggests a full waiver might reduce corn prices by just 4¢ per bushel during the current marketing year.
- 126 Do the Right Thing**  
Beef Quality Assurance and health training workshops offer management tips
- for socially conscious producers.
- 130 ROV Show:**  
World Beef Expo, Milwaukee, Wis.
- 131 ROV Show:**  
Northern Int’l Livestock Exposition, Billings, Mont.

## JANUARY 2013

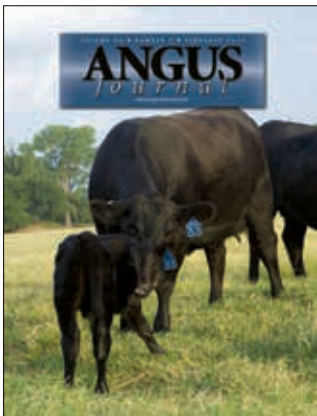


## DECEMBER 2012

- 42 Angus Breed Steadfast in FY 2012**  
Year-end data looks positive for those with Angus cattle.
- 46 100+ Club**  
These members registered 100 or more head in FY 2012.
- 92 2013 Miss American Angus Crowned**  
Esther McCabe of Kansas chosen to serve the Angus breed throughout the upcoming year. McCabe shares the speech that helped her earn her new title on page 96.
- 100 Preparing for the Crown**  
Five contestants share how they prepared for the Miss American Angus contest.
- 102 Farmer for a Day**  
NAILE exhibit exposes children and parents to agriculture.
- 104 Auxiliary Names Distinguished Woman**  
American Angus Auxiliary charter member Bette Votaw recognized in Louisville, Ky.
- 108 Faces of Progress**  
Angus Foundation wraps up 2012 with Supporter Recognition Event in Louisville, Ky.
- 130 Pricing of DNA Test reduced**
- 131 NCBA’s Cattleman’s College® lineup set for Feb. 5-6 in Tampa**
- 138 Chef-to-Chef**  
13 Trends for 2013.
- 144 South American Demand Unleashed**  
CAB leads the way as U.S. beef heads way south.
- 148 Flashback: Commitment to Excellence Winner Stayed the Course**  
Commercial goals served well as Bar S herd evolved to seedstock.
- 150 Handing Over the Reins**  
Angus breed offers the most complete package for family mapping a future for the young generation in the beef industry.
- 156 Indicators of Longevity**  
Symposium addresses effect of heifer calving date on longevity and lifetime productivity.
- 170 Students Helping Students**  
Angus junior involved in scholarship endowment by student group.

- 172 Tested by Fire**  
Nebraska's Hall Angus Ranch faces fire.
- 179 Interested in Exporting Livestock?**  
February seminar offers tools needed to market animals abroad.
- 180 National Western Stock Show Nears**  
Make plans to attend the annual Angus events Jan. 14-19 in Denver, Colo.
- 182 National Western Stock Show Commits to Stay in Denver**  
DURA submits stock show analysis to mayor.
- 184 ROV Show:** American Royal, Kansas City, Mo.

## FEBRUARY 2013



- 18 Angus Improves Genetic Selection Tools**
- 38 Employees Honored for Service**  
Association and *Angus Journal* employees recognized for years of service.
- 62 2013 Auxiliary Committees**
- 64 2013 Auxiliary State Scholarship Contacts**
- 72 Making Great Mothers**  
MaternalPlus® allows Angus producers to add reproductive value to their herds and the Angus breed overall.
- 78 Meet NJAA Intern Bryanne Duckett**  
Duckett, New Liberty, Iowa, joins the Angus team for an eight-month internship.

2013 ARSBC • SIOUX FALLS, S.D.

## 2013 Applied Reproductive Strategies in Beef Cattle Sioux Falls, S.D.

- 79 Focusing on Reproduction**  
ARSBC symposium takes an in-depth look at reproductive strategies in beef cattle.
- 79 A Commercial Producer's Perspective**  
South Dakota cattleman John Moes shares how he has incorporated estrous synchronization into ranch operations.
- 80 A Seedstock Producer's Perspective**  
Minnesota cattleman Danny Schiefelbein shares how advanced reproductive technologies have improved profitability for his family's and his customers' operations.
- 80 Hitting the Quality Target**  
Reproductive technologies help hit the high-quality target and can put dollars in producers' pockets.
- 81 Indicators of Longevity**  
Consider the effect of heifer calving date on longevity and lifetime productivity.
- 88 Management Improves AI Conception**  
Physiological factors affect pregnancy rate to artificial insemination.
- 88 Control of Estrus in Heifers**  
MU's David Patterson reviews characteristics of MGA®- and CIDR®-based heat synchronization protocols for heifers.
- 90 Control of Estrus in Cows**  
Timed-AI protocols for cows offer advantages in management, calving distribution and economics.
- 108 Under Your Control**  
Insemination-related factors affecting fertilization in beef cattle.
- 110 Start Young**  
Begin preweaning to manage bull development to optimize fertility.

- 110 Synchronized Natural Breeding**  
Heat synchronization can be used with natural breeding systems to get more calves born earlier in the calving season.
- 120 DNA Testing**  
What we know, what we don't know and how to use it.
- 120 Who Got the Job Done?**  
DNA testing can help determine performance, economic value of bulls in a multi-sire breeding pasture.
- 122 Genetics of Reproduction**  
Differences in ovarian morphology exist at birth, but trying to find genetic markers for traits so heavily influenced by environment proves difficult.
- 130 When Handling Frozen Semen and Embryos, Cowboy Logic Ain't Good Enough**
- 132 Get Your Plan in Synch**  
Planner helps choose best protocol, plot schedule and analyze economics of various synchronization options.
- 140 Nutrition and Reproduction**  
Energy, protein go hand in hand for reproductive benefits.
- 140 Mineral Mystery**  
SDSU professor explains the mystery of minerals and their effect on reproduction.
- 145 Implications of Fetal Programming**  
A dam's nutrition has a direct correlation to her progeny's performance.
- 152 Control Those Tempers**  
Cattle temperament, animal handling affect fertility.
- 152 A Steady Diet**  
Managing heifers to avoid stress-induced fertility issues can set them up for a longer stay in the herd.
- 153 Nutritional Excess, Deficiency Can Harm**  
Body condition affects oocyte quality and embryo survival.
- 158 Pregnancy Detection Beyond Palpation**  
MU professor explains four methods to determine pregnancy earlier in the breeding season.
- 158 How to Maximize a Vaccination Program**  
Management strategies underpin success of vaccination program.
- 159 Minimize Reproductive Diseases**  
Management decisions can minimize reproductive diseases.
- 164 Embryo Transfer: Are Efficiencies Improving?**  
Preparation of females — donors and recipients — is greatest factor affecting ET success.
- 164 Managing Embryo Transfer to Improve Success**  
Embryologists surveyed offer their opinions on ET protocols and factors affecting success.
- 165 Can Sexed Semen Work in Your Herd?**  
Beef specialist considers limitations, opportunities and challenges of using gender-selected semen.
- 166 Gender-sorted Semen**  
Technology is most practical in situations where one gender is more valuable.

2013 ARSBC • SIOUX FALLS, S.D.

- 220 DNA as Risk Insurance**  
Adding DNA samples to management routine can serve as insurance later.
- 222 8 Lessons Gleaned From Graziers**  
Water management and soil health among their top concerns.
- 224 Consumer Focus: Retail Food Prices Decline in Q4**
- 234 Flashback: Toward Ideal**  
Twenty years later, Pluhar's commitment is unchanged.
- 242 Wholesale Beef Demand Sends Signals**
- 254 Animal ID**  
USDA issues final rule for animal disease traceability.
- 257 Traceability Q&A**  
APHIS offers a question-and-answer series on the Animal Disease Traceability Final Rule.


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## ▶ YEAR IN REVIEW

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- 262 New Era For Marketing**  
Online technology — from Facebook to Twitter — can lend a helping hand to complement print advertising efforts and move your business forward.
- 266 Terms & Conditions**  
*Suggested Sale Terms and Conditions* protect buyer and seller.
- 267 Suggested Sale Terms and Conditions**
- 289 Sire Evaluation Report Overview**  
Here's an overview of the data in the *Spring 2013 Sire Evaluation Report* published in January.

- 71 New DNA Price Structure**  
Igenity, AGI announce enhanced value to breed-specific DNA profile



**74 Denver Hosts Angus Show**  
*Coverage includes:*

- Overview..... 74
- ROV show ..... 84
- Herdsmanship winner ..... 94
- Junior show ..... 100
- Bull sale show and sale... 102
- Carload and pen show... 104
- Foundation Heifer Package..... 112

- 114 Night on the Mountain**  
Nearly 32,000 in gross proceeds raised for the Angus Foundation and 2013 National Junior Angus Show.

- 122 2012 NJAS Hosts Donate \$115,000**  
2012 host states donate funds to Angus Foundation to help support Angus youth and future National Junior Angus Shows hosted by those states.

- 126 NWSS is Staying Put**  
Talk of relocation may have quieted, but changes are afoot for the National Western.

- 128 Marketing Opportunities**  
More than just a cattle show, the National Western can serve as a marketing opportunity, too.

- 203 Atypical Interstitial Pneumonia**  
Pieces of the puzzle likely include feed intake, feed composition, individual animal physiology and possible environmental triggers.

- 216 Desert Research**  
NMSU celebrates \$5.88 million Jornada Basin Long Term Ecological Research grant.

- 226 Put Trees to Work**  
Trees can be an integral part of a conservation plan and sustainability, but planning and management are required.

### Eye on the Environment

- 242 Here's the Record Premium**  
How high is high? Fourteen years into CAB's comparative price study, the Angus advantage keeps growing.

- 250 Spotlight on The Cellar**  
Nebraska bar and grill is famous for onion rings and the best beef for miles around.

- 258 Agility is Necessary for Success**  
Navigating the current market requires quick thinking and decision-making.

- 270 Jan. 1 Cattle Inventory Down 2%**  
*Cattle Inventory Report* released Feb. 1 by the National Agricultural Statistics Service.

- 272 Sustainable Solutions**  
A project funded by the beef checkoff is focused on addressing both scientific and consumer concerns regarding sustainable beef production.

### 2013 ILC



- 277 Feeding the World**  
2013 ILC continues to focus on meeting the challenge of feeding a growing world population.

- 278 Telling the Beef Story**  
Gary Smith addresses the challenge of feeding the world.

- 279 What Are Our Consumers Telling Us?**  
The beef industry needs to address the issues consumers care about.

- 280 Worldwide Beef Issues**  
An international panel addresses worldwide issues and challenges.

- 282 Sustainability**  
Industry panel considers what the correct paths are for the beef industry.

- 282 Science Does Matter**  
Efforts proceed for National Association for Advancement of Animal Science.

- 284 Traceability: Where Are We Now?**  
Panelists explain their views on a national animal traceability system.

- 286 Farmers Fight**  
Students take part in telling the beef story by forming advocacy group.

- 287 Ready to Advocate**  
The Masters of Beef Advocacy (MBA) program is offered through the National Cattlemen's Beef Association (NCBA).

### 2013 ILC

## 2013 CATTLE INDUSTRY CONVENTION & NCBA TRADE SHOW



- 292 NCBA, CBB Welcome Cattlemen to 2013 Convention**  
Leaders urge organizations to work together within new committee structure to set priorities for the coming year.

- 292 Make a Difference**

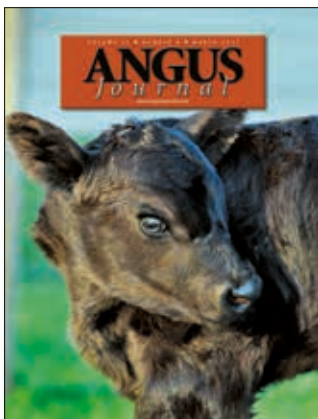
- 293 Plain Talk About the Economy**

- 294 Cattlemen's College® Turns 20**  
NCBA's Cattlemen's College celebrates 20th year anniversary at 2013 Cattle Industry Convention.

- 294 Futurist Lowell Catlett Says, 'Get Ready; It'll Blow Your Doors Off.'**

- 295 Agricultural Water**  
Protecting the future of our nation.

## MARCH 2013



- 40 NJAA/Angus Journal Photography Contest**

- 57 2012 American Angus Auxiliary Certificates of Achievement**

- 61 I Am Angus Receives Regional Award**  
Angus documentary series honored in The Best of NAMA Region II Awards Program.

- 64 Etch Your Name Into History**  
Brick-naming fundraiser will allow you to etch your name in stone at Association headquarters.

- 67 Matching Gift Challenge a Success**  
Participation of Angus Foundation supporters in the "Faces of Progress" annual fund solicitation helped the Angus Foundation receive a matching gift of \$10,000.

### Eye on the Environment



- 206 More Climate Change Coming**  
Be aware beef production may change, too.

- 295 Drought Management of Forage, Water and Cattle**
- 296 Developing Heifers in Era of High Feed Costs**
- 296 Don't Leave Money on the Table**
- 297 Technology Helps Ranchers Prosper**
- 298 Industry Bestows Best of Beef Awards**  
Best of Beef breakfast honors those who have excelled in efforts ranging from retail innovation to stocker-cattle management.
- 298 Texas Ranch Wins National NCBA Environmental Stewardship Award**
- 299 NCBA Recognizes 2012 Top Hand Club Winners**
- 300 CattleFax Offers Annual Outlook**  
Calling the beef industry market environment a rocky road for everyone in 2012, analysts predicted much of the same for 2013.
- 300 La Niña Transition Maintains Drought**
- 300 Ethanol, Oil and Gas Outlook**
- 300 Feedgrain Outlook**
- 301 Demand Outlook**
- 301 Supply Outlook**
- 302 Cattle, Beef Price Outlook**
- 302 Profitability Expectations Mixed**
- 303 Issues Shaping the Future**
- 304 Report on NCBA Tax & Credit Committee**
- 304 A New Tool for Battling BVD**
- 304 NCBA Members Elect Officers**
- 305 ANCW Elects Leaders, Honors Outstanding Cattlewoman**
- 305 Producer Support of Checkoff Remains High**

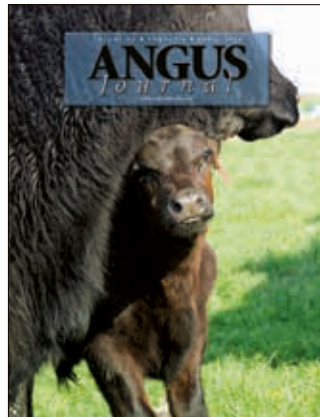
- 310 Smithsonian Seeks Ag Artifacts**  
New exhibit will feature

“American Enterprise,” including farming, ranching and rural life stories.

- 322 Supporting Local**  
UK College of Agriculture, UK Dining Services to offer local meats to students, community.

- 344 Ultrasound technician list**

## APRIL 2013



- 28 Board Action**  
Highlights of the Feb. 19-21, 2013, meeting of the American Angus Association Board of Directors.
- 32 Angus Revises Approach to Age-and-source Verification**  
Recent changes made to the AngusSource® and Gateway programs.
- 64 The Domino Effect of Scholarship Support**  
Angus Foundation scholarships help Angus youth and their families achieve their goals and dreams.
- 68 Foundation Selects YCC Representative**  
Cortney Hill-Dukehart Cates will serve as the Angus Foundation representative at the annual conference.
- 68 Printer Commits \$25K**  
NPG Printing Co. commits \$5,000 per year to the Angus Foundation for five years.

### Herd Health

- 76 Management Is Key to Controlling Trich**  
Human nature often hampers efforts to control trichomoniasis,

## Herd Health

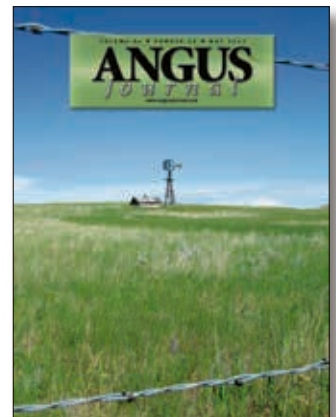


as producers often don't want to admit their herd is infected until ramifications are too large to ignore.

- 82 Get Your Herd in Shape**  
Make the most of today's high-value investments.
- 90 Grass Tetany: Complex & Complicated**  
Multiple factors can contribute to the animal's deficiency of magnesium.
- 94 Schmallenberg Virus**  
Be aware of newly discovered virus that affects reproductive health.
- 98 Alternative Therapies Gain Acceptance**  
Animal chiropractic and acupuncture are earning respect of veterinarians and livestock owners as supplemental therapy and sometimes cure for maladies ranging from indigestion to performance injuries.
- 104 Prebreeding Vaccinations**  
Vaccinations can help protect the health of the herd and of your bottom line.
- 130 Grazing and Forage Management in Drought-affected 2013**
- 138 2013 Angus Pathfinder® Report**  
A search for superior cows.
- 140 Synchronization and AI**  
User-friendly technology demonstrated in Alabama.
- 144 Analyzing Bull Fertility Generates Economic Savings**  
Research funded by the Angus Foundation examines proteomic markers associated with bull fertility that could lead to cost savings for producers.
- 148 Refill the Aquifer**  
Texas A&M researchers determine best range-management practices for aquifer recharge.
- 160 Reaching for the Stars**  
Missourian uses DNA-powered guidance system.

- 164 When 'Unweaned' is OK**  
Weaning ranch-direct at the feedyard can work — with enough communication.
- 166 Consumer Focus: Fast and Delicious**
- 172 Angus Youth Have Strong Showing at 2013 CIC**  
Youth contests provide beef industry skills.
- 173 Cattle Marketing & International Trade**
- 174 Preserving Family Relations**  
There are many perspectives in the generation-transfer process.
- 176 Keeping Employees Motivated and Satisfied**  
Prevent costly employee turnover by increasing job satisfaction.
- 190 Four Join Livestock Marketeers Hall of Fame**

## MAY 2013



- 52 Inside the NJAA Board**  
Angus Foundation support allows junior directors to travel coast-to-coast representing NJAA members.
- 58 Get Involved, Show Your Passion**  
Angus juniors can learn and grow through participation in NJAA activities and find further support in Angus Foundation scholarships.
- 62 Come to the Catskills**  
National Angus Conference & Tour to highlight New York beef industry.
- 88 Indexes as Decision Tools**  
Experts explain the creation of indexes and how they can work for you.

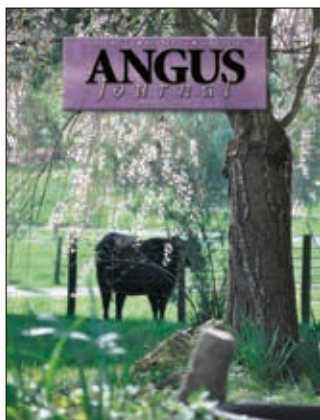
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- 90 Putting ZIP Back Into School Lunch**  
Industry must crusade to keep beef part of school meals.
- 102 Nontraditional Traditions**  
Chain reactions over the years guide this Wyoming Angus ranch, from high-quality people to the beef they produce.
- 106 Kansas City Hosts 2013 NJAS**  
Junior Angus members will participate in National Junior Angus Show activities at American Royal Complex July 5-11.

### JUNE 2013



- 42 Change of Venue**  
Angus CEO Bryce Schumann answers questions about the 2014 National Angus Convention and Trade Show to be in Kansas City, Mo., in 2014.

#### Weaning Strategies

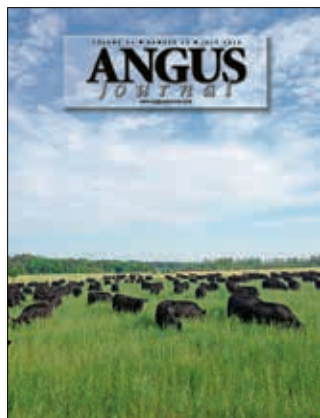
## WEANING Strategies

- 44 Swing for the Fences**  
Fenceline weaning can decrease stress and increase performance.
- 48 Coproducts Score**  
High-fat coproducts are a go for early-weaned calves, fostering higher marbling scores in a more cost-efficient package than traditional concentrates.
- 51 Pencil It Out**  
When is preconditioning profitable?

#### Weaning Strategies

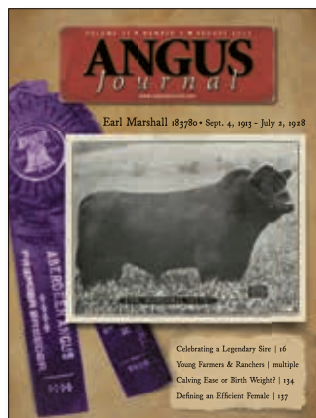
- 70 New HD DNA Test for Angus**  
AGI, Neogen Corp. release the GeneSeek Angus GGP-HD test
- 78 Poisonous Plant Problems**  
With pastures in much of the country recovering from drought, cattlemen need to be especially cautious of cattle consuming poisonous plants.
- 90 Heritage Helps to Shape Innovation**  
Grandsons continue 1995 CAB Annual Conference Award winner's focus on quality.
- 94 CAB Awards Scholarships**  
Scholarships reward future beef industry leaders.
- 96 LEAD Conference to Take Place in New Orleans**  
Early registration for the annual youth leadership conference ends June 15.
- 112 ROV Show:**  
Western National Angus Futurity, Reno, Nev.
- 54 A Helping Hand Adds Value**  
HAT Ranch helps customers thrive with outside-the-box thinking.
- 64A Angus on the Hudson**  
National Angus Conference & Tour to highlight New York beef industry.
- 76 Sun-powered Water Source**  
Solar-powered pumps expand options for remote pastures.
- 78 Enduring Vision**  
A marketing program started by 21 beef producers has stood the test of time.
- 90 Adapting Angus to Arizona**  
Arizona rancher lives life as an experiment.
- 96 Consumer Focus**  
Beef demand drivers and consumer trends
- 98 Beef Insight**  
SDSU researchers are studying the nutritional and marketing aspects of beef.
- 100 Cattlet's Forecast**  
Resilience and technology are two key ingredients for the future.
- 103 Boost Your Brain**  
Sometimes you need to slow down to achieve more.

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- 36 Summer Interns Join the Angus Team**
- 40 Wyoming Premium Heifer Program**  
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- 46 A Heifer Pro**  
Innovative marketer finds role in sourcing and developing bred replacement heifers.
- 50 Willing to be Different**  
Plum Thicket Farms uses creativity to thrive.

### AUGUST 2013



- 24 Board Action**  
Highlights of the June 5-7, 2013, meeting of the American Angus Association Board of Directors.
- 36 NJAA Members Participate in Leadership Academy**

#### Young Farmers & Ranchers



- 52 Young Cattlemen's Conference 2013**  
Angus represented at elite beef industry conference.
- 54 Angus Producers Attend 2013 BLI**  
Event participants traveled throughout the Midwest to explore the beef industry.
- 57 Beef Leaders Institute**  
Young Angus producers get an inside look at beef industry partners.
- 70 You Can Go Home Again**  
Experience helps young producers return to family farm.
- 72 Follow the Generation Y Leaders**  
Young breeders not afraid to test genetics technology.
- 74 Ranching's Next Generation**  
King Ranch Institute for Ranch Management marks 10 years training the nation's future ranch managers.
- 80 Viability Through Consistency**  
Casey Redman is establishing a future in ranching built on a consistent product marketed well.
- 84 A Family Affair**  
Werner Family Angus has several different operations to involve multiple generations.
- 92 Improve, Don't Reinvent, the Wheel**  
Chris Cadle, fifth-generation rancher, carries the family legacy but adds his own value.
- 96 Return to Agriculture**  
This young farmer chose to return to agriculture with Angus.
- 100 Peer to Peer**  
Iowa project promotes sharing among peers.
- 105 Seeking Diversity & Maintaining Flexibility**  
Young Nebraska couple seeks footing in the ranching business among the Sandhills.

#### Young Farmers & Ranchers



**134 Use EPDs for Calving Ease Selection**

Maintain calving ease and later performance by using maternal EPDs.

**137 Defining an Efficient Female**

Research funded by the Angus Foundation aims to better understand cow efficiency and generate more profitability for seedstock and commercial producers.

**142 Bovine TB**

Answering frequently asked questions.

**144 Small Herd, Maximum Marketing**

Savvy marketing provides customer satisfaction.

**155 A Day in the Life of a Kansas City Chef**

For Chef Zac Alft, success hinges on processes, parameters and preparation.

**158 Flashback: Grass to Grid**

15 years after CAB award, Nebraska family is living all segments of the cattle business.

**166 Protein Origami**

Texas A&M scientist, others view protein folding to help understand, prevent certain diseases.

**171 Breeders Throw Birthday Bash for Earl Marshall**

**174 Defining Sustainable Beef**

Roundtable seeks to define sustainable beef production on a global level.



**176 Seedstock Elite**

Beef Improvement Federation recognizes six regional nominees for Seedstock Producer of the Year.

**176 Honor Roll: BIF Seedstock Producer of the Year award winners and nominees**

**181 Commercial Elite**

Beef Improvement Federation recognizes seven regional nominees for Commercial Producer of the Year.

**182 Honor Roll: BIF Commercial Producer of the Year award winners and nominees**

**186 BIF Honors Pioneers, Service**

The Beef Improvement Federation recognizes individuals as pioneers, for service to the industry, and for their potential.

**189 Strategies for Beef Improvement**

2013 BIF symposium focuses on breeding strategies, cow herd efficiency.

**190 The Great Debate**

Crossbreeding vs. straight-breeding: Symposium speakers debate which breeding system offers more benefits.

**198 Top 15 Photo Contest Tips**

Advice to improve photo entries for the NJAS Photo Contest.

**201 Picture Perfect**

Judges announce winners of the 2013 NJAA/Angus Journal Photo Contest.

**241 Association Show Rules**

Know the rules when attending shows.

**244 ROV Show:**

The All-American Angus Breeders' Futurity, Louisville, Ky.

**249 American Angus Auxiliary Heifer Purchased for \$5,500**

**252 ROV Show:**

Atlantic National, Timonium, Md.

**264 Express Ranches to Donate 2014 Angus Foundation Heifer**

**268 Ultrasound Technicians**



# Attend on Your Own Time

[www.BIFconference.com](http://www.BIFconference.com)

Calving, synching, breeding, haying, working...not to mention attending the kids' ballgames, graduations, proms and spring previews. You have a lot of demands on your time. But staying current with the most recent advances in genetic selection and breed improvement is also core to your business.

The workload at home may have prevented you from attending the 2013 Beef Improvement Federation Annual Research Symposium and Convention June 12-15 in Oklahoma City, Okla., but you can benefit from the information shared at the meeting by visiting *Angus Journal's* event coverage online at [www.BIFconference.com](http://www.BIFconference.com). Visit the site on your time to read summaries of the sessions, view the accompanying proceedings papers and PowerPoint presentations, listen to audio of the speakers, read news releases on the award winners, and page through galleries of photos from the tours.

This online event site is made possible thanks to the cooperation of the Beef Improvement Federation and the sponsorship of LiveAuctions.tv.



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