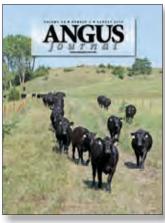
AUGUST 2016



- **20 Board Action**Highlights of the June 6-8 meeting.
- **54 Career Move**Virginia cattleman goes full time.

60 From Conception to Consumption

Angus genetics play key role in direct marketing for Crooked Creek Beef.

66 Angus Convention Announces Grand Prize

Priefert and Tru-Test partner to provide ultimate giveaway.

70 Two Jobs, One Man, One Breed

It takes a special kind of passion and endurance to work two jobs just for fun.

78 Avoiding Ranch Business Wrecks

Industry experts offer their list of concerns that jeopardize ranch businesses.

82 State of Improvement

State legislature on board with improving beef industry opportunities.

88 Want to Pass it On?

Cover all the bases to protect all your assets.

92 Bottom Line Beef Producer

Texan Vance Mitchell takes a "no excuses" approach.

110 Anaplasmosis: The Seedstock Perspective

A look at managing anaplasmosis in purebred cow herds.

122 Lifelong Student, Teacher

Career, personal life intertwine for animal scientist, CAB leader Larry Corah.

126 'The West' Reaches the CoastBeef can unlock California cultural mysteries.

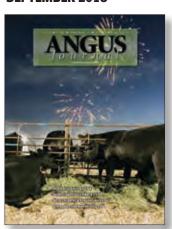
132 BIF Award Winners Announced

146 Advice & Action

Experienced individuals share this advice with others seeking a foothold in agriculture.

- 150 Atlantic National Super-Point ROV Angus Show
- 154 Atlantic National Regional Jr. Angus Preview Show
- 170 Chris Stephens Joins Angus Foundation

SEPTEMBER 2016



29 Angus Names Genetic Research Director

62 Helping Those Who Need It

Bob and Marillyn Schlutz are leaving a legacy of generosity in the Angus breed.

66 Anchored on Angus

Beef Leaders Institute brought together producers from across the country to learn about the Angus industry.

74 Angus Breeder Attends Elite Cattle Industry Conference

76 Angus U

Angus Convention gears up for educational highlights.

DIGITAL SUPPLEMENT

Look for these additional features available as supplemental pages in our digital version of the September *Angus Journal*. Sign up for free digital access at www.angusjournal.com/login_sign_up.html.

- D1 All-American Certified Angus Beef® Cook-Off Cookbook and Winners
- D24 NJAA/Angus Journal Photography Contest Gallery
- D52 Facebook Fan Favorite
 Photo Contest Winners
- D54 NJAA Prepared Public Speaking Contest Winning Speeches
- D60 NJAA Creative Writing Contest Winning Entries

- D63 NJAA Graphic Design Contest Winners
- D64 Forty-two Junior Leaders Receive Gold Awards
- **D75 NJAS Closing Video**
- D75 Link to the complete 2016 Fall Sire Evaluation Report
- D76 Media Crew Participants Hone Journalism Skills
- D81 *Angus Journal* Year in Review
- D89 Ultrasound Technicians Listing

78 GMOs Turn 20

Monsanto's Robert Fraley — who helped develop GMOs — emphasizes the technology's safety and importance to the planet's future.

82 Next Generation Sequencing

New diagnosic testing available to identify bovine respiratory disease complex.

84 Shuttering Shawshank

Ohio plans to pull the plug on prison Angus herd.

88 Managing Indoor Air Quality

Take a look at better barn ventilation.

94 Stockpile Savings

Stockpiled Tifton 85 provides alternative supplement strategy for fall-calving cows.

96 Right on Time

Thinking ahead means a Georgia producer's pastures are just right.

100 Selecting for Hill Climbers

Researchers and ranchers work together to identify genetic markers to help select cattle that will move off riparian areas.

117 2016-2017 Schedule for Centralized Performance Bull Tests

130 Adding Meat to Carcass EPDs

Association Structured Sire Evaluation program aims

to improve carcass data in database.



134 Stampede the Sandhills Showring Success

Champions named at the 2016 National Junior Angus Show.

141 Committed to Herdsmanship

Alabama's Jake Smith named Junior Herdsman of the Year during the 2016 NJAS.

146 Evaluating Carcass Quality

Junior members learn about the industry's true end product through the National Junior Angus Show carcass contest.

152 A Champion's Drive

National Junior Angus Showmanship Contest reaches 50-year milestone.

158 Auxiliary Announces Scholarship Winners

Auxiliary awards scholarships to five girls, five boys in Grand Island, Neb.

166 Angus Foundation Invests in Future Leaders

Junior Angus members receive nearly \$212,000 in CONTINUED ON PAGE **214**

CONTINUED FROM PAGE 212

scholarships during the 2016 NIAS.

178 Building Our Future

Team sales contest at NJAS gives juniors hands-on, real-world experience.

182 Are You Smarter than an Angus Junior?

NJAA members put their knowledge of the Angus breed and the beef industry to the test in quiz bowl.

186 Capturing the Moment

Young Angus photographers were challenged to catch the best scenes of cattle ranching in the NJAA/Angus Journal Photography Contest.

194 Kitchen Competition

Angus juniors share the story of *Certified Angus Beef*® during cooking contest.

196 The Chef's Challenge

197 Seasoned for Success

Angus youth tantalize judges' taste buds during the cook-off.

198 Chosen to Lead

Angus juniors elected to lead the National Junior Angus Association.

200 Lending a Hand for Hope Harbor

The National Junior Angus Association focused their philanthropic sights on Hope Harbor in Grand Island, Neb.

202 At the Backdrop

NJAA members recognized for their accomplishments during the 2016 NJAS Awards Ceremony.

208 Arkansas Angus Junior Receives Leadership Award Will Pohlman named 2016

Outstanding Leader at NJAS.

210 Silent Bids Speak Volumes

The annual Angus Foundation Silent Auction fundraiser raises nearly \$13,000 for Angus education, youth and research.

213 2016 Foundation Inductees

Three couples join the ranks of those inducted into the Honorary Angus Foundation.

215 Golf Outing Raises \$16,000 +

Proceeds benefit education, youth and research for the Angus breed.

216 Virginian Named Advisor of the Year

Veterinarian, compassionate

role model receives national honor at the 2016 NJAS.

224 Commercial at Heart, Registered Passion

Montana's Bobcat Angus is built on teamwork, shared perspectives.

226 New Post at CAB Seeks Ever-better Brand

Dan Crownover hired for newly created position.

232 Policy Updates

Highlights of policy positions offered from 2016 Cattle Industry Summer Conference.

236 BIF Honors Industry Leaders

240 Real Talk on Vet School

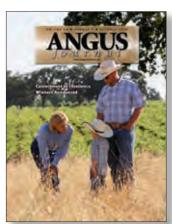
Veterinary students face challenges, but can handle them with financial literacy.

258 All-American Angus Breeders' Futurity Super-Point ROV Show

262 All-American Angus Breeders' Futurity Jr. Show

288 Roll of Victory: Final point standings tabulated for the 2015-2016 ROV show year.

OCTOBER 2016



24 Value, Top-End Performance

Doug and Sharon Stevenson are donating the elite female for the 2017 Angus Foundation Heifer Package.

28 Angus Auxiliary Midyear Meeting Minutes

44 A Legacy of Leaders

LEAD conference strives to build and strengthen leadership in Angus juniors while providing networking opportunities.

50 Leading Angus Youth

Association selects new youth Angus Ambassador.

54 Continuing Growth, Angus Hires HR Director

60 Committed to Supporting Angus Youth

Charles W. and Judy Herbster have continuously supported the Angus Foundation.

64 Gateway to the Gold

Angus Media team brings 37 awards home to Saint Joe from Saint Louis.

68 Eight Declare Candidacies

Eight members announce they are seeking a position on the American Angus Association Board of Directors in November. A list of delegates selected for the Annual Convention begins on page 78.

84 Angus Talk: Angus Convention is just around the corner.

88 Riverbend: The Name the Cows Built

Idaho ranch earns CAB Seedstock Commitment to Excellence award.

94 Doing Right From the StartMontana ranch earns CAB

98 Big Time Quality
Nothing Poky about it but the

106 Using Science in the Superstitions

honors.

name.

Backus Quarter Circle U Ranch honored as 2016 CAB Progressive Partner.

114 A Different Breed of Stars

California Angus family is 2016 CAB Ambassador honoree.

126 Fanfare to Start, Results to Continue

Sysco LA exhibits "top down" commitment to the brand.

130 Why Not the Best?

California commercial Angus herds make use of Al.

134 Feeding Quality Forum Challenges Norms

More than 200 hear from marketing experts, animal scientists.

138 Keeping Up with Consumers

Beef industry responds to shifts in consumer demands.

142 New Specialty Steak Cut

University of Nevada–Reno research shows value in meat industry, restaurants and premier eating experience for consumers.

144 Growing Strong

Missouri brings beef up close and personal.

148 If Not the Food Bank, How 'bout the Feedbunk?

Leftover produce and bakery items find a welcome home on a cow's dinner plate.

176 Another Tool for the Toolbox

New research will help combat bovine respiratory disease.

182 Low-stress Weaning Methods

Four weaning options can reduce stress on calves and cows, increase performance.

188 On the Right Foot

Indiana bull test emphasizes performance and structural soundness.

192 Snake River Bull Test

Filling a need for bull producers and buyers in the West.

194 Steak House Bulls

Meat company executive starts Angus herd to guarantee supply.

198 Compelled by Compassion

Oak Ridge Angus gives back to their community and local feed bank through the Range to Table program.

206 ISBCW 2016: For the Welfare of All

Industry takes cattle welfare to heart.

222 Ultrasound Technicians

232 A New Kind of Roundtable

Knights aren't the only heroes invited to this one.

238 Cattle and Climate Change

Cattle industy must deal with the consequences of the consuming public's perception of bovine contributions to global warming.

242 Women Leading the Way

Angus women find their footing as leaders on operations.

246 Legacy of Leading

The Meier family has a long commitment to the Angus breed and to the Missouri Angus Association.

262 Breeding Beyond Borders

Marketing on an international scale comes with its own set of challenges.

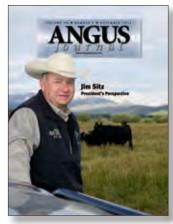
266 Paired for Performance

Angus producers share their experiences and advice for putting on a partnership sale.

272 Eastern Regional Jr. Angus Show

300 Roll of Victory Shows: Illinois and West Virginia state fairs

NOVEMBER 2016



39 Basin Lucy 6265 to Sell as 2017 Angus Foundation Heifer

42 Board Action: Highlights of the Sept. 7-9 meeting

53 Living the Good Life

Building upon his heritage, 2016 American Angus Association President Jim Sitz is driven to set the stage for the next generation.

58 President's Perspective

President Jim Sitz shares thoughts on his tenure serving on the American Angus Association Board of Directors.

66 Fueling Future Cattlemen

Future Angus Stockmen recipient attends Select Sires' Al school.

70 RMs Join Association Team

74 Histories Intertwine through National Western

Celebrate a Century of Angus in the West.

96 Become More Supplement Savvy

Understanding ruminant digestion, nutrient content and price of feedstuffs are all important factors in selecting cow herd supplements.

110 2016 May be Turning Point for Producers

Decreasing returns may stifle herd expansion.

112 Global Goals

Beef trade is big business; here's how the United States is staying competitive.

114 Fingertip Marketing

Websites, social media

play key role in reaching customers.

120 Marketing Angus From All Angles

Wulf Cattle leverages its marketing power by purchasing bull customers' calves to stock its feedlot.

126 Homegrown

USDA provides grants, market information to help farmers, large and small.

138 Face the Pace of Change

From beef markets to production systems, the beef industry is changing.

140 Ag Outlook: Not So Good, Not All Bad

Basse predicts price plateaus for most commodities.

142 The Matching Game

Technology, economics and consumers dictate cattle feeding.

144 Finding a Better Way

Lifelong cattleman turns to quality focus.

148 Working Backward

A deep concern for the consumer drives Georgia cattleman forward.

153 Work Hard, Smart

Only premium quality is worth the effort.

156 Reputation Rules

From gate to plate, customers know what to count on.

162 Changing Attitudes Through Welfare

Science backs welfare movement in cattle industry.

192 Snippets on Sustainability

How do other industries broach the subject?

194 Flying High

Former NJAA member soars with FFA.

198 Starting Them Young

Families encourage Angus involvement from the get-go for their young future breeders.

200 Prepped for Success

Former NJAA board members find their futures in and out of the Angus breed.

202 Rising Sons

With a World Livestock Auctioneering Championship finalist and an under-30 assistant executive director as sons, Susan and Albert Epperly have plenty of which to be proud.

206 Leadership Insight

Striving for effective leadership on boards and committees.

212 Angus Talk: Visiting with AGI's Stephen Miller.

220 Future Blooming Through Family

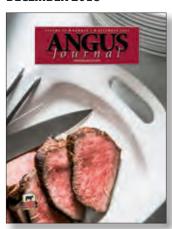
Pasture grass isn't the only thing growing at Raines Farms.

226 4 Ways To Clipping Perfection

Kirk Stierwalt provides tips for maintaining your clippers.

232 Roll of Victory Shows: State fair ROV shows

DECEMBER 2016



24 Angus Elects New Board Officers, Directors

The American Angus Association welcomes breed leaders to serve its 25,000 members.

40 Angus Growth Reflects True Demand

American Angus Association year-end figures show strong growth for the breed.

44 100+ Club: These members registered 100 or more head in fiscal year 2016.

50 Growing a Presence in the West

Part 2 of this series on the National Western Stock Show looks at the history of the internationally known livestock show.

56 Angus Unveils Long-Range Plan

American Angus Association leaders reveal plan for growth, leadership and the industry's first Genomic Education Center.

60 Basin Lucy 6265 to sell as 2017 Angus Foundation Heifer

88 Billion, with a 'B'

Certified Angus Beef® brand sales surpass 1 billion pounds.

90 Yield GradeOpportunities Detailed

System accounts for no more than 40% of red meat yield variation

92 Accountability On the Rise

Embracing change for cattle care, drug use means opportunity for profit in cattle feeding.

102 Future Farmers

Transitioning the farm or ranch to the next generation requires a few steps, a good attitude and a solid plan.

106 Part 1 of 2: Financial Focus

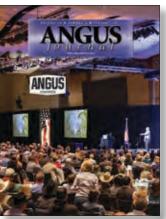
Current economic cycle requires "stepping up" intensity on financial management says economist.

110 Economist Jim Robb Looks Ahead

It's not very good, but it's not all bad, Robb says.

128 ROV shows: World Beef Expo and Keystone International Livestock Expo

JANUARY 2017



26 Board Action: Highlights of the Nov. 4 and 7, 2016, meetings.

30 Canadian Angus Gold Show winners

44 Facing the Future, Strategically

CEO Allen Moczygemba unveils the strategic plan that will set the Association's course for the next three years.

76 It's Our Turn

Opening session celebrates the past, as CEO Allen Moczygemba challenges members to take their turn in advancing the breed.

CONTINUED ON PAGE 216

CONTINUED FROM PAGE 215

78 Enriquez Highlights Global Changes Occurring

Recognized futurist and thought leader Juan Enriquez challenges Angus breeders to "embrace change."

80 Using Genomics to Make Better Breeding Decisions

Ben Hayes addressses the future of genomics for cattle breeding and management.

81 Don't Say No to Technology

International Genomics Symposium panelists urge members to embrace technology, innovation.

84 Creating a Culture for a Successful Business

Former Southwest Airlines CEO Howard Putnam shares tips for building a culture of success to kick off the 2016 Angus Convention.

86 Tom Walter Shares Story of 'Culture Shift'

Angus University keynoter shares the ultimatum that changed his business.

90 Championing Youth, Education, Research

The organization's annual Supporter Recognition Event recognizes generous donors who contribute to the Angus breed.

96 Members Honored

Members honored for contribution to the breed, milestones, leadership during annual awards breakfast in Indianapolis, Ind.

102 Rising with Courage

Miss American Angus Keegan Cassady shares the speech she delivered while competing for her title.

106 Living History

Century-old Thomas-Criswell Angus preserves family heritage on their central Missouri farm.

114 American Angus Auxiliary Celebrates 65 Years

Auxiliary hosts annual events in conjunction with Angus Convention.

118 National Angus Tour Explores Indiana Agriculture

Angus producers from across the country visit Indiana Angus herds.

126 Angus Highlands

Scottish Angus producers bring the breed back to basics.

130 Grand Prize Giveaway

Kenneth Webb, Burlington, W.Va., won a complete livestock-handling system from Priefert Manufacturing and Tru-Test Group.

154 The Big Time

What can be learned from a big outfit?

164 Taking Care of the Moneymakers

Willow Creek Ranch looks down the line for success.

168 Where the Windmills Are

California sheep herdsman turns to quality Angus for the best of both worlds.

172 Carcass and Conformation, No Compromise

That's the mission statement for Oklahoma's Davis Angus.

188 Mosey on Down to Nashville

Five industry groups will meet in Nashville, Tenn., for the 2017 Cattle Industry Convention and NCBA Trade Show.

194 Apply for Angus Summer Internships

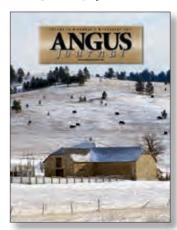
- 208 ROV Winners Named at North American
- 212 Junior Angus Winners Named at North American
- 214 ROV Winners Named at the American Royal

218 Junior Angus Winners Named at American Royal

230 New Angus Event Headlines Denver Activities

Angus to host evening auction and social in the historic Stadium Arena during the National Western Stock Show.

FEBRUARY 2017



19 National Western Angus Bull Sale a 'smash hit'



Table of Contents

72 Game-changing Genetic Potential

Genomics guru gives glimpse at what's possible with gene editing.

74 Angus Membership 101

Director of Member Services Jerry Cassady shares programs and services available to members of the American Angus Association.

76 DNA Questions Answered

AGI President Dan Moser answers the most common questions about genomic testing during member workshop.

78 Genomics, Parentage Verification Explained

Workshop details how members can take advantage of DNA profiling and parent verification technologies.

80 Document Age, Source and Genetics

Ginette Gottswiller explains AngusSource®, the Association's processverified program designed to help commercial cattlemen add value and assist with marketing Angussired feeder calves and replacement heifers.

82 Angus Staff Highlight Online Herd Information Tools

Members have access to variety of recordkeeping tools, including AAA Login, AIMS and Angus Mobile.

83 Posting with Angus Media

Angus Media's Andy Blumer offered cattlemen tips for web design and hosting during the trade show at the 2016 Angus Convention.

86 Building Relationships

Workshop offers members a chance to get to know the Angus Foundation.

90 Bending Curves, Breaking Stereotypes

Live-animal session shows genomic application.

92 A Benefit to All Involved

Live-animal session explains advantages of testing to know more, earlier.

108 Cultivating A Better Business Culture

This company renamed their CEO the CCO — chief culture officer. Should your business do the same?

112 'Stable' Markets

CattleFax analyst encourages

31 BLI Turns 10

34 Angus Foundation Raises \$36.000 in Las Vegas

Five exclusive, once-in-alifetime experiences auctioned as part of the Angus Finals Sale hosted by the Angus Hall of Fame and Angus Live.

38 Nurturing the Angus Industry's Future Leaders

Whitestone Farm educates youth to have a positive impact on the Angus, beef and agriculture industries in the future.

- 64 Auxiliary Annual Meeting Minutes
- 64 2017 American Angus Auxiliary Officers
- 66 2017 Auxiliary Committee Assignments
- 70 Auxiliary Scholarship Contacts

198 Improving Grazing Distribution

Strategies offered to encourage sustainable grazing.

202 11 Months of Grazing

Western Nebraska operation achieves nearly year-round grazing with annual forages.

206 Grazing Cover Crops

Find the right "cocktail" for the animals, soil and overall farming operation.

214 Fire Prevention for the Arid West

Control cheat grass on dryland pastures and rangeland.

222 A New Formula

Figuring pasture rent as a share of the calf.

226 Optimizing Stocking Rates

228 Manage Those Microbes

Direct-fed microbials, also called probiotics, offer a

for 2016 Angus Convention Coverage

producers during Angus University outlook session.

116 Consider All Aspects

Angus University presenter Kevin Hill talks adding value with management.

118 Capturing Value for Customers

Seedstock panel addresses ways to capture the value of good genetics.

122 Loud and Clear

Beef market demands quality.

124 Veterinary Feed Directive and Beyond

Veterinarian says producers need to listen and prepare for new rules.

128 Evaluating Potential for Angus in Foreign Markets

International livestock marketing specialist shares insights for selling Angus genetics abroad.

128 Building a Brand

Collaboration and adjusting to change drive Oregon rancher.

130 Tips to Maximize Conception

Select Sires' Jon Herrick shares tips for handling semen to get best AI results.

132 Should You Raise or Buy Heifers?

Iowa State University duo presents options for replacement heifers.

134 Maximize Female Potential

Assisted reproductive technologies are improving pregnancy rates and increasing the genetic contribution of top females.

138 Smaller Isn't Always Better

Dan Shike discusses calf size, gestation optimums in Angus University Workshop.

142 Keep It In the Family

Angus University panel discusses ranch transition.

142 Start the Transition Conversation

Family business consultant shares tips for generation transfer in Angus University Workshop.

146 Legal Liability Issues for Farms and Ranches

Ag law expert shares three areas of particular concern for farm, ranch liability.

146 Tips for Talking to Your Banker

Have a plan and financial

records when you request credit for your operation.

150 Should You Invest in Land or Buildings?

Purdue animal scientist shares considerations for producers considering semiconfinement production.

152 Angus From Scratch

South Dakota breeder says dream big, but have a plan.

154 Grilling Tips, Samples Highlight Booth Activities

CAB® Chef Peter Rosenburg shares grilling tips with Angus Convention Trade Show visitors.

155 Roasting 101: Something for Everyone

CAB® Chef Ashley Breneman shares tips for cooking the perfect roast with trade show attendees.

158 Beef Blitz Scores a Hit for Relationships

Angus producers get a firsthand glimpse of how their brand is distributed and the story that accompanies the product.



natural way to boost cattle health and productivity.

232 Guard Against Embryo Loss

Nutritional management affects embryo development, pregnancy.

233 Protein's Effect on Reproduction

Research indicates differences in effects of excess protein on dairy and beef cattle reproduction.

234 Heifer Development Systems

Development of replacement heifers should prepare them for life as cows.

236 Target Weight Considerations

Whether you choose 55% or 65% of mature weight as a breeding-weight target should depend on cows, resources and management.

248 World Class in Tulsa

Chef Bill Tackett's early taste

of the business finally led to Bluestone Steakhouse & Seafood.

252 The Top End, Naturally

Colorado producer turns to low-stress, high-quality Angus.

258 Making the World Smaller

CAB® brand takes international partners from pasture to plate.

262 Not Your Typical Pennsylvania Farm

Darwin and Bernard Nissley's 800-head feedlot thrives in Lancaster County.

266 Bridging Work Through Brotherhood

The Sparrow family centers around improving its cattle herd and working as a family.

270 Fortified Around Family

Operations at BoPat Farms and McWherter Volunteer Farms are positioned around a commitment to family and cattle.

272 Angus Talk: Tips for getting calves off to a good start.

282 Equitable and Fair Marketer and Packer Rules

Beef industry monitors GIPSA rules debate.

286 What Drives Success?

Focus on being a lifelong learner and success will likely follow.

292 Family Business Fundamentals

Planning and communication remain key for family businesses to weather industry storms.

298 Critical Crossroads

2017 could mark big changes in land values and a continued sluggish economy, according to economist.

304 Big Ideas for Ag's Future

Self-propelled fencing unit and encapsulated seed balls being explored.

324 A New Showring Perspective

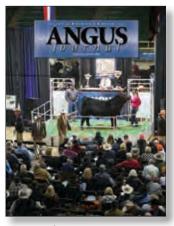
With a fighting spirit, dedication and determination, one Pennsylvania girl pursues her passion.

328 ROV Standings for the 2016-2017 Angus Show Year

336 Ultrasound Technicians

355 Spring 2017 Sire Evaluation Report overview

MARCH 2017



48 NJAA/Angus Journal Photography Contest

52 2017 American Angus Auxiliary Officers

53 2017 State Auxiliary Scholarship Chairs

176 Beware of Digital Dermatitis

Veterinary epidemiologist says the source of lameness is a growing cattle health issue with significant animal welfare implications.

182 Maximizing Reproductive Outcomes

Consider herd health factors.

182 Unintended ConsequencesCould MLV vaccines be

harming reproduction?

183 2017 ARSBC Workshop Set for Aug. 29-30

183 Temperament and Reproduction

Dam's temperament affects reproductive performance.

186 Programming Reproduction

What do we know about fetal programming of reproduction and how can we manage it?

188 Prepping for ET Success

Donor and recipient
CONTINUED ON PAGE 218

CONTINUED FROM PAGE 217

management should optimize success of embryo transfer.

188 Opportunities Abound for Genetic, Reproductive Progress

190 Thinking Physiologically

Know calf physiology to avoid compromised newborns this spring.

196 Take the Corral to the Pasture

Portable corral systems and proper handling techniques create options for cattlemen.

217 A Simple Gift

Quality beef as part of a divine plan.

224 Sticking With It

Successive generations continue quality focus at Penrhos Farms.

228 A Banker, a Buyer and Long-distance Neighbors

Connecting quality cattle from the Montana mountains to Nebraska feeding plains.

242 Commodity Price Stabilization Expected in 2017

Some issues persist, but on

a global basis, not as much volatility envisioned for the future.

244 Digging Deeper Into the Outlook

Angus Media team provides additional insight into CattleFax outlook.

250 Meeting Consumer Expectations

Consumers want food from sustainable systems, but don't know what sustainable means.

254 Wardensville Bull Test Celebrates 50 Years

West Virginia bull test celebrates anniversary by maintaining relevance to industry.

264 Angus Talk: Business with succession strategies

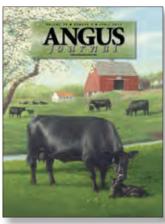
272 Montana Welcome

Central Montana Angus Association hosts successful state tour.

278 My Old Kentucky Home

Somewhere south of the Mason-Dixon Line, a career cattleman tells his story of Angus heritage.

APRIL 2017



22 Board Action:Highlights of the Feb. 21-23, 2017, meeting

42 NJAA/Angus Journal Photography Contest

50 An Ounce of Prevention

Testing is a cost-effective solution to an industry-wide BVD problem.

54 A Quick & Quiet Killer

New emerging pathogen can cause havoc in cow herds.

58 Fetal Programming & Protein

Researchers evaluate cow and calf performance when a protein restriction occurs during pregnancy.

62 Unseen Costs

Take the right track with internal parasites.

66 Clostridial Infections in Calves

Intestinal spores only prevented by vaccination.

84 Backgrounding Calves

Experts offer tips for handling calves from the time they are weaned until they go on a finishing diet.

92 Reducing the Need

Good biosecurity, vaccination and nutrition are imperative to keeping cattle healthy with limited use of antibiotics.

98 2017 Angus Pathfinder® Report overview

130 Committed to Maternal Traits: Association members

enrolled in MatenalPlus® gain deeper insight into herd.

148 Big Leagues, Extra Innings

Colorado Angus rancher learns to win in a new ballgame.

152 Meat Magic

CAB's Phil Bass delivers high-

energy sessions at NCBA's Learning Lounge.

155 Standing Out from the Crowd

Louisiana native and Kansas cattlewoman does it all — and earns herself a prestigious title.



2017 CATTLE INDUSTRY CONVENTION & NCBA TRADE SHOW

164 New Political Realities

Conservative talk show host Dana Perino offers insight into working with the new presidential administration.

165 Anticipating the 2018 Farm Bill

169 New Opportunities, New Challenges

D.C. team outlines goals and expectations for new administration.

170 Emerging Health Issues Considered

Working Group considers use of chlortetracycline under the new VFD rules, economic costs of a potential FMD outbreak and calfhood pneumonia.

172 Cattlemen's College® Opens Cattle Industry Convention

Educational program focuses on ways to improve profitability, productivity and sustainability.

173 Angus Media Team Coverage of Cattlemen's College Managing Genetic Risk to

| Improve Fertility | 173 |
|--|-----|
| DNA Profile Adds Accuracy to Prediction | |
| Priming Calf Performance | 175 |
| Select Healthier Genetics | 175 |
| The Future of Cattle Feeding | 176 |
| Capturing Value of Genetics, Management | 178 |
| Satisfying Hunger for Food Verification | 178 |
| Adding Value Through Education | 180 |
| Manage Soil Health on Pasture and Range | 182 |
| Manage Grazing for | |

Sustainability___

182

56 Reformatted Bull Sale Takes the Spotlight

All-new evening event attracts nearly 2,500 to celebrate Angus in the West.

60 Bull Sale Draws Crowd

American Angus Association's annual bull sale averages \$6,805 per head.

70 Foundation Heifer Sells at NWSS

Herbster Angus Farms purchases Basin Lucy 6265, donated by Basin Angus Ranch.

84 Champions of the Hill

Champions named at 2017 National Western Stock Show Super-Point Roll of Victory Angus Show.

92 When It All Comes Together

Hadley Pitts of Dal Porto Livestock selected as the 2017 Herdsman of the Year at the NWSS.

96 Junior Show Champions Named in Denver

RW First Class Sandy, BCII

Sandy 0215 claim top

106 Denver Exclusive

National Western Stock Sh

Angus genetics showcased in the Yards at 2017 National Western Angus Carload & Pen Show.

110 A Marketer's Dream

The National Western's Angus Carload & Pen Show generates exposure in the historic Denver stockyards.

114 Angus in the West

Nearly 75 years of breed progress at the National Western Stock Show illustrated.

122 Painting the West Black

The National Western has a colorful history — but you can't make any color without black.

128 Historic, with a Modern Twist

The National Western looks forward to a facelift.

132 Ag Adventures

National Western and CSU team up to give city kids an education.

| Grass to Cash | 183 |
|-------------------------------|------|
| Know Your Requirements | 184 |
| Beef Exports Gaining | |
| Momentum | 186 |
| 25 Years of NBQA | _187 |
| Training for a | |
| Taste Test | 188 |

190 Why Treat The Cow?

Parasites can draw down cows in body condition and affect immunity and reproductive performance.

191 Value of Vaccinations

Earlier vaccination on the ranch pays dividends down the line.

2017 CATTLE INDUSTRY CONVENTION

200 Stuck in the Middle

It takes more than an estate plan to compensate the Sandwich Generation.

204 What Can a 'Sandwicher' Do?

Many options exist to aid in transitioning ownership of a farm or ranch from one generation to the next.

208 Steps to Succession

There are a series of steps to consider before ownership transition.

220 ROV Shows: Southwestern Expo and Dixie National ROVs

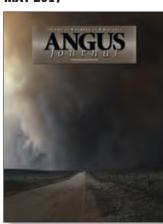
228 The 2017 Beef Bulge

Strong exports may limit price weakness.

232 Marketeers Honored

Livestock Marketeers induct three into Hall of Fame.

MAY 2017



30 Angus Foundation Selects Representative to 2017 Young Cattlemen's Conference

38 Angus juniors 'Raise the Bar' in Louisiana

42 Angus Convention in the Lone Star State:

Head to Fort Worth, Texas, Nov. 4-6 to attend the American Angus Association's premier event.

46 Tempered by Fire

Tested by the largest range fire in Kansas history, ranchers find strength in the support of their fellow man.

86 Land Health Part 1: Understanding Soil Health

Soil health specialist explains the five factors essential for healthy soil.

88 Land Health Part 2: Soil Health Practices For Profit

Soil health specialist and cattle producer shares the management strategies he believes contribute most to conservation and cash flow.

92 Drought Management

Plan for drought while it's still raining.

94 A Case for Composting

Composting offers commonsense option of disposing of dead stock.

104 Green Garden of Memories

Friends salute 2017 Kansas Stockman of the Year Richard Janssen and family.

106 The Right Sort

Massar Ranch rides herd on uniformity to court repeat buyers and build an Angus reputation.

110 Time for Prime

Part 1: Prime is both profitable and possible.

116 Rural 'Change-maker'

Nebraska native Brent Comstock offers encouragement to rural youth and communities.

120 First Talon Intern, Host Named

Jessica Janssen, Fowler, Ind., will intern with Maher Angus Ranch, Morristown, S.D.

122 Finding Balance

Seedstock operation produces quality bulls by maintaining excellent females.

126 No Nonsense in the Rockies

Colorado cattleman and family focus on females.

136 Efforts to Promote Beef Nutrition and Health Benefits Reviewed

Preparation for 2020 Dietary

Guidelines process is under way.

138 Satisfaction in Beef Checkoff Slips

Cattlemen's Beef Board Executive Committee reviews survey results revealing producer attitudes toward the beef checkoff.

140 State Beef Councils Pursue Efforts To Promote Beef's Image

Digital efforts concentrate on protecting beef's image and engaging beef advocates.

142 Beef Sustainability Metrics Taking Shape

Six high-priority indicators to measure sustainability by sector have been identified by the multi-stakeholder members of USRSB.

146 Working With the BLM

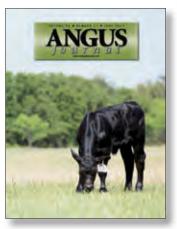
BLM employee updates ranchers on range developments and how to improve relationships with the BLM.

150 MAJAC Regional Preview Show

164 2017 National Junior Angus Show: Winning with the Angus Team

An annual Angus tradition, the NJAS takes place July 9-15 in Des Moines, Iowa.

JUNE 2017



38 Angus juniors 'Raise the Bar' in Ames, Iowa

42 Set Out for Texas Angus Country

Angus Convention participants invited to the National Angus Tour, hosted by the Texas Angus Association, Friday, Nov. 3.

58 Want to Take it Inside?

Cow-calf confinement is possible with these considerations in mind.

70 Time for Prime

Part 2: Demand to bank on.

73 Beaches and Beef

Like family, top Hawaiian retailer and CAB rely on each other.

76 Up and To the Right

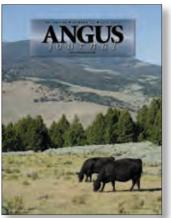
Elasticity may be elusive, but CAB demand soars by any measure.

92 Farm Business Management 101

With volatility becoming the new normal in production agriculture, producers must beef up their business skills.

- 94 ROV Shows: Western National Angus Futurity
- 97 Junior Shows: Western Regional Jr. Angus Show

JULY 2017



32 Angus Media Hires General Manager

34 Interns Arrive at Angus

Haley Ercoli, Morgan Marley, Mayzie Purviance and Taylor Wilkins are selected to intern at Angus headquarters.

62 Get the Jump on Grasshoppers

Grasshopper control can be beneficial in dry years.

76 Time for Prime

Part 3: 'This is not hypothetical.'

86 Predominantly Solid Black

Association owns adjusted USDA live-animal spec for Angus beef programs.

88 Angus Members Honored at BIF

Beef Improvement Federation recognizes those who excel in Athens, Ga.

CONTINUED ON PAGE 221

CONTINUED FROM PAGE 219

95 Personal Experiences Showcase Beef Industry

Checkoff funded farm-to-fork tours reach key audiences and shift perceptions about the beef industry.

99 Taking Action in Animal Agriculture

Organization encourages ag professionals to take an active role in consumer communication.

102 USMEF President Retires

USMEF kicks off spring conferences, announces succession plan.

108 Late Winter Snow Storm Blasts Midwest

Pasture and feedlot cattle suffocate in 60 mph blizzard conditions.

116 National Junior Angus Show Warm Up

More than 1,900 head entered to compete in 2017 NJAS in Des Moines, Iowa.

