

## Sunday, July 31

- 1:00** Onsite registration and registered participants may pick up their conference materials.
- 3:00** Texas Purebred Cattle Alliance Annual Meeting  
– MSC, Rm. 2404

## Monday, August 1

- 6:30 a.m. Rudder Complex**
- 6:30** Registration Desk AND **TRADE SHOW OPENS**
- 6:30** Coffee and breakfast  
*SPONSORED BY SUNBELT CUSTOM MINERAL, CDP BRANGUS AND ST GENETICS*
- 8:00** General Assembly for Instructions and Orientation by Dr. Jason Cleere – Rudder Theatre  
*SPONSORED BY JC SMITH CO*

### Cattleman's College Seminars

#### CONCURRENT SESSIONS

- 8:30 Introduction to Cattle Production I**  
– Rudder Theatre (Dr. Jason Smith, Coordinator)  
*SPONSORED BY CAPITAL FARM CREDIT AND CDP BRANGUS*
- 8:30 They're Talking Beef, But in What Language?  
– Dr. Jason Smith
- 10:00 Break
- 10:15 They're Talking Beef, But in What Language? (continued)  
– Dr. Jason Smith
- 8:30 Forages Management I – Management Options to Deal with Increased Costs of Fertilizer, Feed, Fuel**  
– MSC, Rm. 2400 (Dr. Vanessa Corriher-Olson, Dr. Larry Redmon and Dr. Monte Rouquette, Coordinators)  
*REPEAT ON TUESDAY*  
*SPONSORED BY CORTEVA AGROSCIENCE, BRANCH RANCH AND LONE STAR FEED AND FERTILIZER*
- 8:30 Grazing Management Strategies for Pasture-Beef Systems  
– Dr. Monte Rouquette, Jr.
- 9:45 Management of Pastures During and Following Drought  
– Dr. Larry Redmon
- 10:45 Management Options for Pastures and Wintering Cattle  
– Dr. Gerald Smith and Dr. Monte Rouquette, Jr.
- 8:30 Nutritional Management: "How Much Should I Feed My Cows?"** – Rudder Forum (Dr. Jason Banta, Coordinator) *REPEAT ON TUESDAY*  
*SPONSORED BY CARGILL ANIMAL NUTRITION, BIMEDA AND FRANKS MANUFACTURING*
- This session will cover cow-calf nutritional requirements and how to design a protein, energy and mineral supplementation program to optimize herd performance. Nutrition and drought considerations for cow-calf operations as well as dealing with limited forage supplies and other roughage options will be discussed.

- 8:30 Cattle Breeds and Selection**  
– MSC, Rm. 2406 (Dr. Joe Paschal, Dr. Steve Hammack and Dr. Andy Herring, Coordinators)  
*SPONSORED BY DIAMOND H BRAUNVIEH, SOUTHERN LIVESTOCK STANDARD AND PERFORMANCE LIVESTOCK ANALYTICS*

- 8:30 Gain Test and Replacement Heifer Program  
– Mr. Vidal Saenz and Mr. Rolando Zamora
- 9:30 Selection for Adaptability and Sustainability – Dr. Milt Thomas
- 10:30 Selection for Carcass Improvement Using Ultrasound  
– Dr. Tommy Perkins

- 8:30 Pesticide Applicator Re-certification (3 CEU Hours: 1 General, 1 IPM and 1 L&R)**  
– Rudder Tower, Rm. 601 (Dr. Mark Matocha and Dr. Don Renchie, Coordinators)

*SPONSORED BY PERFORMIX NUTRITION, SIGNATURE RANCHES AND CENTRAL LIFE SCIENCES*

- 8:30 Relationship Between Weed Management and Soil Fertility  
– Dr. Tony Provin
- 9:30 Improving Herbicide Applications – Dr. Mark Matocha
- 10:30 Pesticide Laws and Regulations – Dr. Don Renchie

- 8:30 Advanced Health: Building Relationships to Advance the Health of Your Herd (3.5 Vet CE)**  
– Rudder Tower, Rm. 301 (Dr. Tom Hairgrove, Coordinator)

*SPONSORED BY ELANCO ANIMAL HEALTH, ZINPRO AND Y-TEX*

- 8:30 Why all the Noise? Animal Disease Traceability  
– Mr. Russell Iselt and Dr. Tom Hairgrove
- 9:00 Utilizing Your Veterinarian and Extension Agent to Develop and Implement an Effective Herd Health Program  
– Mr. Jason Ott, Dr. Rob Conley and Dr. Tom Hairgrove
- 10:00 What Services do Cattle Producers Expect from Their Vet?  
– Ms. Linda Galayda and Dr. Tom Hairgrove
- 11:00 Where are all the Rural Large Animal Vets? What Does the Future Look Like for Ranchers Needing Their Help?  
– Dr. Christine Navarre and Dr. Rebekka Dudensing

- 12:00 Lunch** (Served from 11:30 a.m. to 1:00 p.m.)  
– MSC Bethancourt Ballroom

*SPONSORED BY STATITE 50, PRODUCERS COOPERATIVE, RANCH HOUSE DESIGNS AND R.A. BROWN RANCH*

★★★ Blue Bell Ice Cream – Rudder Exhibit Hall ★★★  
*SPONSORED BY BOEHRINGER INGELHEIM*

- 1:30 General Session – Rudder Auditorium**  
**Surviving the High Input Cost Tidal Wave!**

Moderator – Dr. Jason Cleere

*SPONSORED BY GRAHAM LAND AND CATTLE COMPANY AND MEMBERS OF THE AMERICAN BREEDS COALITION: BRAHMAN, BRAFORD, BRANGUS, BEEFMASTER, RED BRANGUS, SANTA GERTRUDIS AND SIMBRAH*

- 1:30 Introduction – Dr. Jason Cleere
- 1:40 Texas A&M AgriLife Extension's Role in Serving Texas Ranchers – Dr. Rick Avery
- 2:00 2022 Market Outlook: Cattle Prices and Staggering Input Costs – Ms. Kristen Marshall
- 2:45 Long-Range Weather Planning – Mr. Brian Bledsoe
- 3:20 Ranchers Panel: Surviving During these Difficult Times!  
Moderator – Dr. Ron Gill; Panel Members – Stephen Diebel, Ellen Tom and Jerry Armstrong
- 4:20 Trade Show Time

- 5:30 Texas Aggie Prime Rib Dinner**  
– MSC Bethancourt Ballroom  
*SPONSORED BY NOLAN RYAN BRANDS, GRAHAM LAND AND CATTLE COMPANY, TEXAS FARM BUREAU AND TAMU DEPARTMENT OF ANIMAL SCIENCE*

## Tuesday, August 2

- 7:00 a.m.** Trade show opens with coffee and breakfast, compliments of **CATLEMAX SOFTWARE, MERCK ANIMAL HEALTH AND WESTWAY FEEDS.**

### Cattleman's College Seminars

#### CONCURRENT SESSIONS

- 8:30 Introduction to Cattle Production II**  
– Rudder Theatre (Dr. Jason Smith, Coordinator)  
*SPONSORED BY NUFARM, PROGRESSIVE CATTLE AND HOUSTON LIVESTOCK SHOW AND RODEO*
- 8:30 A Cattleman's Guide to Cow Body Condition  
– Dr. Jason Smith
- 9:45 Establishing and Maintaining Defined Calving and Breeding Seasons – Dr. Justin Rhinehart
- 11:00 Chemicals and Hormones: They're Everywhere!  
– Dr. Jason Smith
- 8:30 Beef Cattle Health Management – BVD, Trich and Internal Parasites: Are They Quietly Haunting Your Cattle? (3 Vet CE)**  
– Rudder Tower, Rm. 601 (Dr. Tom Hairgrove, Coordinator)  
*SPONSORED BY ELANCO ANIMAL HEALTH, ZINPRO AND Y-TEX*
- 8:30 Why is Animal Disease Traceability Important – Mr. Russell Iselt
- 9:00 Bovine Trichomoniasis-Disease Consequences and Control Measures – Dr. Glennon Mays
- 10:00 Bovine Viral Diarrhea, Costly Disease Running Under Our Radar – Dr. Casey Landis
- 11:00 Control of Internal Parasites in Cattle, Perhaps Time for New Strategies – Dr. Christine Navarre
- 8:30 Ranching Around the World**  
– Rudder Tower, Rm. 301 (Dr. Joe Paschal and Dr. Alice Brandao, Coordinators)  
*SPONSORED BY JC SMITH CO*
- 8:30 Beef Production in Zimbabwe – David Tapera
- 9:15 Beef Production in Turkey – Doğukan Tunç
- 10:00 Beef Production in Idaho, USA – Tyrell Barnard
- 10:45 Beef Production in Brazil – Osvaldo Sousa
- 8:30 Farm to Fork – Finishing/Marketing Cattle on the Ranch**  
– MSC, Rm. 2406 (Ms. Rachel Cutrer and Dr. Rick Machen, Coordinators)  
*SPONSORED BY BRAHMAN COUNTRY BEEF, TEXAS AND SOUTHWESTERN CATTLE RAISERS ASSOCIATION AND TEXAS DEPARTMENT OF AGRICULTURE*
- 8:30 Legal Considerations in Your Farm to Table Business  
– Ms. Audra Smith
- 9:15 Panel Discussion for Working with Processors and Starting Up Your Farm to Table Business

Panel Members: Matt Jacques, Legacy Meat Processors; Chris Luera, The Ranch Downtown and Brahman Country Beef; and Jojo Carrales, Heartbrand Beef

- 10:15 Break
- 10:30 You've Got the Product, Now How Do You to Sell It?  
– Ms. Carole Arriaga
- 11:15 Opportunities through the Go Texan Program

- 8:30 Beef Cattle Research**  
– MSC, Rm. 2404 (Dr. Andy Herring, Coordinator)  
*SPONSORED BY SAN ANTONIO STOCK SHOW AND RODEO AND GULF COAST CATTLEMAN*

- 8:30 New Insights into Genetics Mechanisms that Affect Meat Quality: Potential Stress-Response Triggers Associated with Occurrence of Dark-Cutting Meat in Beef Carcasses  
– Dr. Penny Riggs
- 9:00 Performance, Health, and Physiological Responses of Feedlot Cattle Supplemented with Pre- and Probiotic Ingredients – Ms. Shea Mackey
- 9:30 Characterizing the Molecular Mechanisms Behind Pregnancies of Beef Heifers with High vs. Low Pregnancy Associated Glycoprotein Concentrations – Ms. Gabi Melo
- 10:00 The Use of Bovine Parthenogenetic Embryos as a Tool to Study Sire Contribution to Pregnancy – Ms. Sarah Singleton
- 10:30 Relationships Among Immune Responses in F1 Reciprocal Cross Brahman-Angus Cattle – Ms. MacKenzie Chapman
- 11:30 Towards a Better Understanding of Respiratory Vaccination in Beef Cattle – Dr. John Richeson

- 8:30 Forage Management II – Management Options to Deal with Increased Costs of Fertilizer, Feed, Fuel (1 CEU – General)**  
– MSC, Rm. 2400 (Dr. Vanessa Corriher-Olson, Dr. Larry Redmon and Dr. Monte Rouquette, Coordinators)  
*SPONSORED BY CORTEVA AGROSCIENCE, BRANCH RANCH AND LONE STAR FEED AND FERTILIZER*

- 8:30 NRCS Programs for Management, Cost Sharing – Jason Holdt
- 9:20 Weed Management and Costs in Pastures – Dr. Scott Nolte
- 10:05 Hay and Stored Forages: Quality, Quantity, and Costs  
– Dr. Vanessa Corriher-Olsen
- 11:00 Management of Pastures During and Following Drought  
– Dr. Larry Redmond

- 8:30 Nutritional Management: "How Much Should I Feed My Cows?"** *REPEATED FROM MONDAY*  
– Rudder Forum (Dr. Jason Banta, Coordinator)  
*SPONSORED BY CARGILL ANIMAL NUTRITION, BIMEDA AND FRANKS MANUFACTURING*

- 12:00 Lunch** (Served 11:30 a.m. to 1:00 p.m.)  
– MSC Bethancourt Ballroom

*SPONSORED BY ELANCO ANIMAL HEALTH, BAYER RANGE AND PASTURE, J&J CATTLE CO. AND TEXAS DEPARTMENT OF AGRICULTURE*

★★★ Blue Bell Ice Cream – Rudder Exhibit Hall ★★★  
*SPONSORED BY BOEHRINGER INGELHEIM*

- 1:30 Forage Management I – Management Options to Deal with Increased Costs of Fertilizer, Feed, Fuel**  
– MSC, Rm. 2400 (Dr. Vanessa Corriher-Olson, Dr. Larry Redmon and Dr. Monte Rouquette, Coordinators)  
*REPEATED FROM MONDAY*  
*SPONSORED BY CORTEVA AGROSCIENCE, BRANCH RANCH AND LONE STAR FEED AND FERTILIZER*

**1:30 Landowner Rights: Ask An Ag Lawyer**  
– Rudder Theatre (Mrs. Tiffany Dowell Lashmet, Coordinator)

**SPONSORED BY LONE STAR AG CREDIT, TARPON BLUE, OAK CREEK FARMS AND TEXAS FARM BUREAU**

Topics will include landowner liability and estate planning as well as additional time for a general question and answer session.

**1:30 Range Management Workshop: Structuring a Ranch for Success**

– MSC, Rm. 2406 (Dr. Barron Rector, Dr. Megan Clayton and Dr. Morgan Treadwell, Coordinators)

**SPONSORED BY BAYER RANGE AND PASTURE, SUNBELT CUSTOM MINERAL AND USDA NRCS**

1:30 Identifying Your Resources – Dr. Megan Clayton  
2:10 Managing Risk Associated with Brush Management – Dr. Wayne Hanselka

2:40 Things You Need to Know About Weeds Prior to Selecting a Management Tool – Dr. Barron Rector  
3:30 Would Native Plant Seeding Enhance Your Operation – Dr. Megan Clayton

4:15 Not Your Average Tool: Restoring Processes with Fire – Dr. Morgan Treadwell

**1:30 Reproductive Management**

– Rudder Tower, Rm. 601 (Dr. Ron Gill and Dr. Bruce Carpenter, Coordinators)

**SPONSORED BY BOVINE ELITE, REPROLOGIX, ESTROTECT AND ELGIN BREEDING SERVICE**

1:30 Annual Cow Costs, Keep or Cull? – Dr. Pancho Abelo  
2:15 What's a Pregnancy Cost These Days: Bulls vs. AI? – Dr. Bruce Carpenter

3:00 Embryo Transfer: Costs and Feasibility as a Drought Management Strategy – Dr. Ky Pohler

3:45 Cow Size: Effects on Reproduction and Costs – Dr. Milton Thomas

4:30 Effects of Beef Cattle Temperament on Reproduction – Dr. Reinaldo Cooke

**1:30 Cattle Marketing – Marketing Commercial Cattle**

– Rudder Forum (Dr. Ron Gill and Dr. Rick Machen, Coordinators)

**SPONSORED BY BRAHMAN COUNTRY BEEF, TEXAS AND SOUTHWESTERN CATTLE RAISERS ASSOCIATION AND TEXAS DEPARTMENT OF AGRICULTURE**

1:30 What Happens After I Unload my Cattle at the Local Auction Market? – Mr. Greg Goudeau

2:15 What Factors Determine the Value of Your Cattle? – Dr. Rick Machen

3:15 Evaluating Value Factors on Live Cows and Calves – Mr. Greg Goudeau

**1:30 Control and Management of Itchy Critters: Flies, Gnats and Ticks (3 CEU Hours: 2 General and 1 IPM, 3.5 Vet CE)**

– Rudder Tower, Rm. 301 (Dr. Tom Hairgrove, Coordinator)

**SPONSORED BY HUVEPHARMA AND LONE STAR AG CREDIT**

1:30 Living with the Fever Tick in South Texas – Ms. Amanda Salinas  
2:00 Update on the Fever Tick Program – Dr. Bud Dinges  
3:00 External Parasites of Cattle – Dr. Sonja Swiger and Dr. Tom Hairgrove

4:00 Integrated Tick Management in Livestock Production Systems: Acaricides and Their Applications and Ticks of Regional Significance to Livestock Producers – Dr. Samantha Hayes and Dr. Pete Teel

**1:30 Purebred Cattle Marketing**

– MSC, Rm. 2404 (Dr. Joe Paschal and Mr. John Ford, Coordinators)

**SPONSORED BY ST GENETICS, NUTRITION PLUS AND WENDT RANCHES**

1:30 Selection for Cattle Adaptability and Sustainability – Dr. Milt Thomas

2:30 Selection for Carcass Improvement Using Ultrasound – Dr. Tommy Perkins

3:30 Collecting Feedout and Carcass Data – Mr. H.C. Neel

4:30 Q&A Wrap Up Session

## Wednesday, August 3

**7:30 a.m.** Coffee and pastries at all meeting locations.

**SPONSORED BY BEEF ON FORAGE BEEFMASTER BULL SALE AND HUVEPHARMA**

### Cattleman's College Seminars

CONCURRENT WORKSHOPS and LIVE DEMONSTRATIONS

**7:00 Fence Building Demonstration**

– TAMU O.D. Butler Complex/Beef Cattle Center (Ms. Kara Matheney, Coordinator)

**SPONSORED BY STATITE 50 AND SOUTHWESTERN LIVESTOCK EXPOSITION**

This session will cover different types of fencing materials and designs. Learn how to build pipe and wood stretch sections and string multiple types of wire during this demonstration.

**8:30 Evaluating Fertility, The Most Important Economic Trait: Cattle Reproduction Demonstration (4 Vet CE)**

– TAMU O.D. Butler Complex/Beef Cattle Center (Dr. Tom Hairgrove, Dr. Ky Pohler and Dr. Rodolfo Cardoso, Coordinators)

**SPONSORED BY BOVINE ELITE, REPROLOGIX AND IDEXX**

8:30 The Interaction of Nutrition and Fertility in Cattle Male and Female – Dr. Tom Hairgrove

9:30 Cattle Pregnancy Diagnosis: Rectal Palpation, Ultrasound, Current Blood Tests – Dr. Ky Pohler

10:30 Hands-on Demonstration, Evaluating Female Reproductive Tracts – Dr. Rodolfo Cardoso

11:30 Chute Side Demonstration, Selecting Bulls for Reproductive Efficiency and Longevity – Dr. Rodolfo Cardoso and Dr. Ky Pohler

**8:30 Brush Busters Demonstration (3 CEUs: 3 General)**

– TAMU Thomas G. Hildebrand Equine Complex Arena (Dr. Barron Rector, Dr. Megan Clayton and Dr. Morgan Treadwell, Coordinators)

**SPONSORED BY CORTEVA AGRISCIENCE, INDEPENDENT CATTLEMAN'S ASSOCIATION AND EAST TEXAS LIVESTOCK**

Integrated brush control using Brush Busters approaches, equipment and cut-stump treatments. This session will also cover how to manage and control Mesquite, Huisache, Prickly Pear, Honey Locust, Greenbriar and others.

**8:30 Cattle Handling Demonstrations** – TAMU Thomas G. Hildebrand Equine Complex Arena (Dr. Bruce Carpenter and Dr. Ron Gill, Coordinators)

**SPONSORED BY MORGAN LIVESTOCK EQUIPMENT AND AUTO EASY FEEDER**

Focus in this session will be on developing the handler's sense about when to apply pressure and how much pressure to apply to get cattle to work smoother and with less stress. Proper cattle trailer loading techniques will also be demonstrated.

**8:30 Beef Cattle Business Management Workshop**

– TAMU Thomas G. Hildebrand Equine Complex Bldg. 177 (Dr. David P. Anderson and Dr. Justin Benavidez, Coordinators)

**SPONSORED BY CATTLEMAX SOFTWARE, AG SOUTHWEST CROP AND RANCH INSURANCE AND GULF COAST CATTLEMAN**

8:30 Ranch Record Keeping: Where to Start, What to Keep, and Make Informed Decisions – Mr. Terrell and Ms. Penny Miller

9:30 Topics in Risk Management – Justin Benavidez

10:45 2022 Cattle Tax and Management Accounting Update – Mr. Arty Brieden, Ms. Jodi Jones, Ms. Hannah Schulz, and Mr. Justin Reeves

**8:30 Beef Carcass Value Determination Workshop**

– Rosenthal Meat Lab (Dr. Davey Griffin, Dr. Dan Hale and Dr. Jade Cooper, Coordinators)

**SPONSORED BY TEXAS BEEF COUNCIL, TEXAS CATTLE FEEDERS AND THE EAGLE LAND AND LIVESTOCK POST**

8:30 Feeder Calf to Carcass Grid

9:00 Carcass Grading

9:30 Live Cattle Evaluation and Grid Marketing

10:00 Review Live Video of Finished Cattle

10:30 View Carcasses from the Four Steers

11:00 Carcass to Boxed Beef Cuts: Where is the Value?

**8:30 Beef Cattle Chute Side Demonstration**

– Louis Pearce Pavilion (Dr. Jason Banta and Dr. Jason Smith, Coordinators)

**SPONSORED BY TRANS OVA AND MULTIMIN**

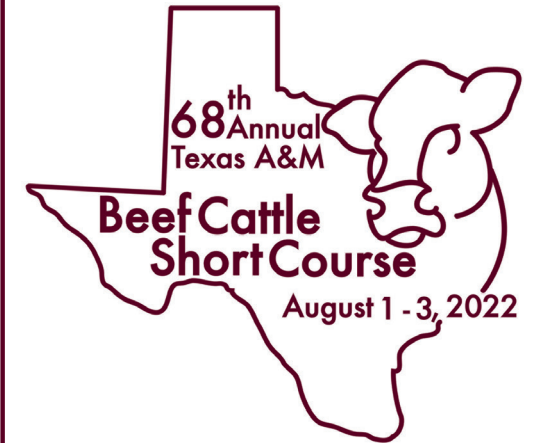
Live animal demonstrations covering basic cowherd management practices with emphasis on Beef Quality Assurance, proper vaccination, castration, dehorning, branding, tagging and blood/tissue collection for testing.

**12:00 Optional Picolinic Acid Training – Registration Required at the Bayer Range and Pasture Booth (1 CEU Hour)**

– TAMU Thomas G. Hildebrand Equine Complex Bldg. 177 (Dr. Megan Clayton, Coordinator)

**12:00 Beef Cattle Short Course 2022 – Adjourned**

★ THE NEXT BCSC IS SCHEDULED FOR AUGUST 7-9, 2023 ★



## Texas A&M University

Coordinated by:

TEXAS A&M  
AGRI LIFE  
EXTENSION



TEXAS A&M UNIVERSITY

Animal Science

<http://beefcattleshortcourse.com>

### Shuttle Schedule

Monday 6-9 a.m., Lot 61 to MSC  
Monday 5:30-7:30 p.m., MSC to Lot 61  
Tuesday 6:30-9 a.m., Lot 61 to MSC  
Tuesday 4:30-6:30 p.m., MSC to Lot 61

Printed program compliments of:

GULF COAST  
Cattleman