

Sunday, August 1

- 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 2

- 6:30 a.m. Rudder Complex**
- 6:30** Registration Desk AND **TRADE SHOW OPENS**
- 6:30** Coffee and breakfast
SPONSORED BY SUNBELT CUSTOM MINERAL, CORPORN ACRES, CDP BRANGUS AND CENTRAL LIFE SCIENCES
- 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 CATTLEMAX SOFTWARE
- 8:30 They're Talking Beef, But in What Language?
– Dr. Jason Smith
- 10:00 Break
- 10:30 They're Talking Beef, But in What Language?
– Dr. Jason Smith
- 8:30 Forages Management I – Pasture Management Strategies (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 – Mr. Jason Hohlt
- 9:15 Basic Soils and Fertility – Dr. Larry Redmon
- 10:15 Weed Control in Pastures and Hay Meadows
– Dr. Vanessa Corriher-Olson
- 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
- Participants are engaged in a lively discussion of developing and evaluating a nutritional management plan for beef cows. The audience will leave understanding the fundamentals in setting production targets, the factors affecting nutrient requirements, feed and forage nutritional value.

- 8:30 Cattle Breeds and Breeding**
– MSC, Rm. 2406 (Dr. Joe Paschal, Dr. Steve Hammack and Dr. Andy Herring, Coordinators)
SPONSORED BY CHAMPION GENETICS, SOUTHERN LIVESTOCK STANDARD, DIGITAL BEEF AND CORPORN ACRES
- 8:30 Connecting Phenotypes to EPDs/Genomics – Dr. Troy Rowen
- 9:15 Inheritance of Eye Pigmentation in White Faced Cattle
– Dr. David Riley
- 10:00 Breeding Goals/Selection Indexes – Dr. Troy Rowen

- 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 POSTIVE FEED, THE WAX COMPANY AND TEXAS BEEF COUNCIL
- 8:30 Feral hog management – Mr. Aaron Sumrall
- 9:30 Fence Lines and herbicides – Dr. Mark Matocha
- 10:30 Pesticide Laws and Regulations – Dr. Don Renchie

- 8:30 Advanced Health: Managing Exotic Livestock with Beef Cattle**
– Rudder Tower, Rm. 301 (Dr. Tom Hairgrove and Dr. Larry Pierce, Coordinators)
SPONSORED BY BAYER ANIMAL HEALTH AND Y-TEX
- 8:30 Wild Pig Biology and Management – Mr. Zach T. Davis
- 9:30 Bison and Exotic Herd Health – Connecting with Extension
– Ms. Kaitlyn Slover
- 10:15 Panel Discussion

- 12:00 Lunch** (Served from 11:30 a.m. to 1:00 p.m.)
– MSC Bethancourt Ballroom
SPONSORED BY STA TITE 50, PRODUCERS COOP, MERCK ANIMAL HEALTH AND R.A. BROWN RANCH
- ★★★ **Blue Bell Ice Cream – Rudder Exhibit Hall** ★★★
SPONSORED BY BOEHRINGER INGELHEIM

- 1:30 General Session – Rudder Auditorium**
Looking Towards the Future of Ranching
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 Pushing Beef Demand Higher: Beef Checkoff Update
– Dr. Molly McAdams
- 2:00 2022 Market Outlook: Cattle Prices and Input Costs
– Dr. Justin Benavidez
- 2:45 Long-Range Weather Planning – Mr. Brian Bledsoe
- 3:15 The Changing Landscape of Rural Texas: Political, Social and Fundamental Implications for Texas Ranchers
– Dr. Bart Fisher
- 4:15 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 3

- 7:00 a.m.** Trade show opens with coffee and breakfast, compliments of **AG WORKERS, 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 PROGRESSIVE CATTLEMAN AND HOUSTON LIVESTOCK SHOW AND RODEO
- 8:30 Chemical and Hormones: They are Everywhere
– Dr. Jason Smith
- 9:15 Determining and Using BCS – Dr. Jason Smith
- 10:15 Break
- 10:30 A Year on a Ranch – Dr. Jason Smith
- 8:30 Beef Cattle Health Management**
– Rudder Tower, Rm. 301 (Dr. Tom Hairgrove, Coordinator)
SPONSORED BY ALLFLEX USA, LYSSY AND ECKEL FEEDS AND BAYER ANIMAL HEALTH
- 8:30 Bovine Trichomoniasis – Dr. Glennon Mays and Ms. McCalley Cunningham
- 9:40 Animal Disease Traceability – Free RFID Tag Program
– Mr. Russell Iselt
- 10:10 Herd Health Panel – How to Develop and Manage a Cattle Health Program – Dr. Robert Conley, Dr. Gary Warner and Dr. Peter Wunderlich
- 11:20 What Health Practices are Cattle Buyers Paying For?
– Mr. Jay Gray
- 8:30 International Beef Production (Ranching Around the World)**
– MSC, Rm. 2404 (Dr. Joe Paschal, Dr. Steve Hammack and Dr. Andy Herring, Coordinators)
SPONSORED BY CHAMPION GENETICS, JC SMITH CO, CORPORN ACRES AND DIGITAL BEEF
- 8:30 Beef Production in NSW – Mr. Geoff Birchnell
- 9:15 Angus Beef Production Systems in Romania
– Dr. Ioana Boldea
- 10:00 Working with Small Producers in Zimbabwe
– Dr. Michael Magondo
- 10:45 Grassfed Beef Production in Germany – Ms. Antonia Haeckel

- 8:30 Cattle Marketing – Marketing Commercial Calves**
– MSC, Rm. 2406 (Dr. Ron Gill, Coordinator)
SPONSORED BY BRAHMAN COUNTRY BEEF, TEXAS AND SOUTHWESTERN CATTLE RAISERS ASSOCIATION AND TEXAS DEPARTMENT OF AGRICULTURE
- 8:30 What Happens After I Unload my Calves at the Local Auction Market? – Mr. Greg Goudeau
- 9:15 What Factors Determine the Value of Your Calves?
– Dr. Ron Gill
- 10:15 Evaluating Value Factors on Live Calves – Mr. Greg Goudeau

- 8:30 Reproductive Management**
– Rudder Tower, Rm. 601 (Dr. Bruce Carpenter, Coordinator)
SPONSORED BY BOVINE ELITE LLC, ARM AND HAMMER ANIMAL NUTRITION AND ELGIN BREEDING SERVICE
- 8:30 What it Costs to Run a Cow These Days and Cull Cow Marketing Strategies – Dr. Francisco Abello and Dr. Bruce Carpenter
- 9:15 Benefits and Management for Early Calving Females and New Pregnancy Testing Technology – Dr. Pedro Fontes
- 10:00 Strategic Supplementation to Enhance Reproductive Efficiency of Beef Cows – Dr. Reinaldo Cooke
- 10:45 Precalving Nutrition to Enhance Maternal and Offspring Performance – Dr. Philippe Moriel
- 11:30 Determining Bull Fertility: Past, Present, and Future
– Dr. George Perry

- 8:30 Forage Management II**
– 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 Soil Carbon and Forages – Dr. Jamie Foster
- 9:30 Annual Forages for Texas – Dr. Ray Smith
- 10:30 Forage Systems for Pasture Finished Beef
– Dr. Monte Rouquette

- 8:30 Nutritional Management: “How Much Should I Feed My Cows?”**
– Rudder Forum (Dr. Jason Banta, Coordinator)
REPEATED FROM MONDAY
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, TEXAS DEPARTMENT OF AGRICULTURE AND RANCH HOUSE DESIGNS

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

- 1:30 Landowner Rights: Ask an Ag Lawyer**
– Rudder Theatre (Mrs. Tiffany Dowell Lashmet, Coordinator)
SPONSORED BY INDEPENDENT CATTLEMEN'S ASSOCIATION, ICON GLOBAL, 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 Farm to Fork: Finishing/Marketing Cattle on the Ranch

– MSC, Rm. 2400 (Ms. Rachel Cutrer, Coordinator)

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

- 1:30 How We Started in the Farm to Fork Sector – Mr. Jordan Beeman
- 2:00 Choosing and Working with a Processor – Mr. Dustin and Ms. Annie Dean
- 3:00 You've Got the Product – Now How do You Sell It? – Ms. Carole Arriaga
- 3:30 Success in Farm to Fork Marketing Panel

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

– MSC, Rm. 2406 (Dr. Robert Lyons and Dr. Barron Rector, Coordinators)

SPONSORED BY BAYER RANGE AND PASTURE AND USDA NRCS

- 1:30 Welcome and Goal Setting – Dr. Barron Rector
- 1:40 Cowboy Arithmetic: Using Gross Margins to Plan for Success – Dr. Tim Steffens
- 2:10 Tactical Decision Monitoring Techniques – Dr. Doug Tolleson
- 2:40 Integrating Wildlife into the Cattle Business to Increase Profits – Dr. Larry Redmon
- 3:10 The Ecology and Management of Multi-species Grazing – Dr. Doug Tolleson
- 3:40 Break
- 4:00 Making Stewardship Pay: Rancher and Funding Group Panel Discussion

1:30 Ranch Management: Putting the Pieces of the Puzzle Together

– Rudder Forum
(Dr. Ron Gill and Dr. Bruce Carpenter, Coordinators)

SPONSORED BY BAYER RANGE AND PASTURE AND R.A. BROWN RANCH

This session will take a holistic approach to managing the ranch. Forage management strategies, cattle breed types, nutrition, cattle health and other management factors will be discussed and applied to real working ranch scenarios.

1:30 Vector Borne Disease Session: Flies, Gnats, Ticks (3 CEU Hours: 2 General and 1 IPM)

– Rudder Tower, Rm. 601 (Dr. Tom Hairgrove, Coordinator)

SPONSORED BY HUVEPHARMA AND Y-TEX

- 1:30 Fever Tick Update – Dr. Muzafar Makhdoomi
- 2:30 Ranching Under the Shadow of the Fever Tick – Mr. Rogelio Mercado
- 3:00 Management and Control of Flies on Livestock – Dr. Sonja Swiger
- 4:00 Integrated Tick Management: Using Tick-Host-Landscape Interactions for Tick Control in Cattle Grazing Systems – Dr. Pete Teel and Dr. Samantha Hays
- 5:00 Speaker Panel

1:30 Beef Cattle Research

– Rudder Tower, Rm. 301 (Dr. Andy Herring, Coordinator)

SPONSORED BY SAN ANTONIO STOCK SHOW AND RODEO, TEXAS AND SOUTHWESTERN CATTLE RAISERS ASSOCIATION AND GULF COAST CATTLEMAN

- 1:30 Factors Affecting Flavor in Beef and How We Measure It – Mr. Chris Kerth
- 2:10 Various Cow-Calf Management Strategies that Improve Sustainability – Ms. Jessica Gilreath
- 2:50 Balancing Pre-Breeding Vaccinations and Reproductive Efficiency – Ms. Kaitlin Epperson
- 3:30 Post-thaw Expression of miRNA-26a and miRNA-564 in Bull Semen in Relationship to Motility and Mitochondrial Membrane Potential – Ms. Cheyenne Runyan
- 4:10 Variation in Herd Bull Performance from Multi-Sire Breeding Groups for Calf Number and Annual Income – Dr. Andy Herring

1:30 Purebred Cattle Marketing

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

SPONSORED BY RED ANGUS ASSOCIATION OF AMERICA, ST GENETICS, AMERICAN MARKETING SERVICE AND CORPORN ACRES

- 1:30 Strategies for Improving Reproduction Results in Seedstock Operations – Dr. Ky Pohler
- 3:00 Utilizing Reproductive Tools to Strengthen Junior/Show Cattle Marketing Options – Ms. Shannon Worrell
- 4:30 Speaker Panel for Q&A

Wednesday, August 4

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 Mathenev, 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 Brush Busters Demonstration (3 CEUs: 3 General)

– TAMU Thomas G. Hildebrand Equine Complex Arena
(Dr. Robert Lyons and Dr. Barron Rector, Coordinators)

SPONSORED BY CORTEVA AGRISCIENCE AND POSTIVE FEED

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

8:30 Beef Cattle Business Management Workshop

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

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

- 8:30 Ranch Record Keeping: How to Save Time, Get Organized, and Make Informed Decisions – Mr. Terrell and Ms. Penny Miller
- 9:20 Technology Innovations: Block Chain, Records, Profiting in the Future – Mr. Gregg Barfield
- 10:15 Break
- 10:35 Cattle Tax and Management Accounting Update 2021 – Mr. Arty Brieden and Ms. Ginger Bosse

8:30 Beef Carcass Value Determination Workshop

– Rosenthal Meat Lab

(Dr. Davey Griffin and Dr. Dan Hale, Coordinators)

SPONSORED BY TEXAS BEEF COUNCIL AND THE EAGLE LAND AND LIVESTOCK POST

- 8:30 Feeder Calf to Carcass Grid – Dr. Dan Hale
- 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? – Dr. Davey Griffin

8:30 Cattle Handling Demonstrations – Freeman Arena

(Dr. Bruce Carpenter and Dr. Ron Gill, Coordinators)

SPONSORED BY ALEXANDER LIVESTOCK AND AUTO EASY FEEDER

Focus of 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 Chute Side Demonstration

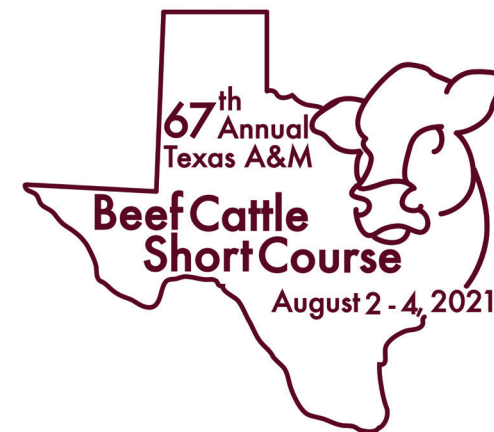
– Louis Pearce Pavilion (Dr. Jason Banta, Coordinator)

SPONSORED BY REPROLOGIX AND IDEXX

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. A new, practical chute side pregnancy test that will be hitting the market this fall will be demonstrated.

12:00 Beef Cattle Short Course 2021 – Adjourned

★ THE NEXT BCSC IS SCHEDULED FOR AUGUST 1-3, 2022 ★



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 6I to MSC
Monday 5:30-8:30 p.m., MSC to Lot 6I
Tuesday 6:30-9 a.m., Lot 6I to MSC
Tuesday 4:30-6:30 p.m., MSC to Lot 6I

Printed program compliments of:
**GULF COAST
Cattleman**