

SUNDAY, AUGUST 6

- 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 7

- 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 CHR HANSEN
- 8:00** General Assembly for Instructions and Orientation by Dr. Jason Cleere – Rudder Theatre
SPONSORED BY JORGENSEN LAND & CATTLE AND 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 FERAPPEASE
- 8:30** They're Talking Beef, But in What Language? – Jason Smith
10:00 Break
10:15 They're Talking Beef, But in What Language? (continued)
– Jason Smith
- 8:30 Forage Management (1 CEU – General)**
– MSC, Rm. 2400 (Dr. Vanessa Corriher-Olson, Dr. Larry Redmon and Dr. Monte Rouquette, Coordinators)
SPONSORED BY CORTEVA AGRISCIENCE, BRANCH RANCH AND LONE STAR FEED
- 8:30** Carbon, Cows and Climate: The Rest of the Story – Doug Tolleson
9:30 Carbon in Soils Under Grazing? – Julie Howe
10:30 Conservation Planning and Financial Assistance Programs – Frank Baca
11:00 Weed Control in Pastures and Hay Meadows – Zach Howard
- 8:30 Nutritional Management: “How Much Should I Feed My Cattle?”**
– Rudder Forum (Dr. Jason Banta, Coordinator)
REPEAT ON TUESDAY
SPONSORED BY CARGILL ANIMAL NUTRITION, BIMEDA AND FRANKS MANUFACTURING

This session will cover cow-calf and growing cattle nutritional requirements and how to design a protein, energy and mineral supplementation program to optimize herd performance.

- 8:30 Cattle Breeding and Genetics I**
– MSC, Rm. 2404 (Dr. Joe Paschal and Dr. Andy Herring, Coordinators)

SPONSORED BY SOUTHERN LIVESTOCK STANDARD, AMERICAN BRAHMAN BREEDERS ASSN. AND CATTLE STATS, LLC

- 8:30** Basics of Beef Cattle Record Keeping – H.C. Neel
9:30 EPDs and Their Use in Both Commercial and Seedstock Operations – Lance Bauer
10:30 Genomic Selection: A Cattleman's Guide – A.J. Knowles

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

SPONSORED BY WILBUR-ELLIS, MULTIMIN 90 AND CENTRAL LIFE SCIENCES

- 8:30** Pastures, Pole Barns and Pest Control – Jonathan Cammack
9:30 Pesticide Modes of Action – Mark Matocha
10:30 Pesticide Laws and Regulations – Don Renchie

- 8:30 Grazing Management: A Key to Beef Sustainability**
– MSC, Rm. 2406 (Dr. Jacquelyn Prestigaard and Dr. Jeff Goodwin, Coordinators)

SPONSORED BY AG SOUTHWEST AND NUFARM

- 8:30** Why is Soil Health Foundational to Grazingland Sustainability? – Jeff Goodwin
9:00 Grazing Management Tools: Measuring Sustainability on the Ranch – Hugh Aljoe
9:30 Harnessing Data-Driven Technologies for Grazingland Sustainability – Billy Cook
10:00 Sustainability in the Beef Industry: What Does it Entail? – Jacquelyn Prestegaard
10:45 Sustainable Grazing Panel – Myriah Johnson, Chad Ellis, Bob McCan, Jason Sawyer

- 8:30 Beef Cattle Health Management (3.5 Vet CE)**
– Rudder Tower, Rm. 301 (Dr. Tom Hairgrove, Coordinator)
SPONSORED BY ELANCO ANIMAL HEALTH AND Y-TEX

- 8:30** County Extension Agents and Veterinary Practitioners Working as a Team – John Grange and Tom Hairgrove
9:00 Neospora: Prevalence of the Disease in Three South Texas Counties – Bernard Natho, Anthony Netardus, Shannon Deforest, Dwight Sexton and Tom Hairgrove
10:00 Bovine Internal Parasites: Are Current Methods Working? – Dale Rankin, John Hutcheson and Tom Hairgrove
11:00 Polio in Cattle – Tom Hairgrove

- 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**
The Next 40 Years in the Cattle Business?

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 – Jason Cleere
1:50 2023 Market Outlook: Cattle Prices and Input Costs – David Anderson
2:20 El Niño: Long-Range Weather Outlook – Matt Makens
3:05 A Look into the Past and a Glimpse Into the Future: 40 Years of Progress in Beef Cattle Production and Marketing – Jeff Savell
3:45 Beef Industry Panel Discussion on the Next 40 Years of Beef Cattle Production and Marketing
Moderator – Ron Gill
Panel Members – Donnell Brown, Austin Brown, Shalene McNeill and Rick Machen
4:20 Trade Show Time

- 5:30 Texas Aggie Prime Rib Dinner**
– MSC Bethancourt Ballroom

SPONSORED BY GOODSTOCK BY NOLAN RYAN, GRAHAM LAND AND CATTLE COMPANY, TEXAS FARM BUREAU AND TAMU DEPARTMENT OF ANIMAL SCIENCE

TUESDAY, AUGUST 8

- 7:00 a.m.** Trade show opens with coffee and breakfast, compliments of **CHR HANSEN, 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 – Jason Smith
9:45 Establishing and Maintaining Defined Calving and Breeding Seasons – Ryon Walker
11:00 Chemicals and Hormones: They're Everywhere!
– Jason Smith
- 8:30 Beef Cattle Health Management II (3.5 Vet CE)**
– Rudder Tower, Rm. 301 (Dr. Tom Hairgrove, Coordinator)
SPONSORED BY ELANCO ANIMAL HEALTH AND Y-TEX
- 8:30** Bovine Leptospirosis – Kevin Washburn
9:30 Bovine Trichomoniasis – Glennon Mays
10:30 Bovine Viral Diarrhea – Tom Hairgrove
11:00 Developing and Implementing a Practical Herd Biosecurity Plan – Tom Hairgrove
- 8:30 Beef Breeding and Genetics II**
– MSC, Rm. 2404 (Dr. Joe Paschal and Dr. Andy Herring, Coordinators)
SPONSORED BY SOUTHERN LIVESTOCK STANDARD AND R.A. BROWN RANCH
- 8:30** Tools for Breeding a More Efficient and Sustainable Cow – Troy Rowan
9:30 New Traits for Environmental Resilience – Jared Decker
10:30 Improving the Accuracy of Genomic Selection for Carcass and Meat Quality – Raluca Mateescu

- 8:30 Farm to Fork – Finishing/Marketing Cattle on the Ranch** – MSC, Rm. 2406 (Mrs. Rachel Cutrer and Dr. Rick Machen, Coordinators)

SPONSORED BY BRAHMAN COUNTRY BEEF AND TEXAS DEPARTMENT OF AGRICULTURE

- 8:30** Producer's First-Hand Look at Starting a Farm to Fork Business – Rachel Cutrer
9:15 Processor's View of Serving the Farm to Fork Industry – Dustin Dean
10:15 Legal Considerations for Starting a Farm to Table Business – Audra Smith
11:15 Opportunities Available to Texas Producers Through the Go Texan Program – Manual Martinez

- 8:30 Beef Cattle Research** – MSC, Rm. 2401 (Dr. Andy Herring and Dr. Karl Harborth, Coordinators)

SPONSORED BY BRIGGS RANCHES AND GULF COAST CATTLEMAN

- 8:30** Stress, DNA Methylation and Their Implications in Cattle Production – Emilie Baker
9:10 Transcriptomic Comparison Between Bovine Sires of Known Fertility – Odile Polanco
9:30 Analysis of the Nasal Microbiota in Newly Received Feedlot Heifers According to Subsequent Incidence of Bovine Respiratory Disease – Autumn Pickett
9:50 Differences in Protein Supplementation Response in Bos taurus taurus (Angus) and Bos taurus indicus (Brahman) – Jodi Cox
10:30 How Consumer's Mouth Behavior Impacts Perceptions of Beef – Rhonda Miller
11:10 Curing Meat Products Without Sodium Nitrite? A Novel Approach to Meat Curing – Wes Osburn
11:50 Satellite-Based Decision-Support Tool to Optimize Profitability and Environmental Stewardship of Grazing Cow-Calf Operations – Jordan Adams

- 8:30 AgTech – Beef Cattle Technologies: Embracing Technology on the Ranch to Improve Profitability**
– Rudder Tower, Rm. 601 (Mr. Egleu Mendes, Coordinator)

SPONSORED BY 406 BOVINE, AGRIWEBB, VYTELLE, RANCBOT AND TELUS AGRICULTURE

- 8:30** Optimizing Ranch Profitability by Managing Your Livestock, Grazing and Team all in One Place – Coby Buck
9:00 Intersection of Technology and Genetic Acceleration: Shaping a Sustainable Beef Industry – Kerryann Kocher
9:30 Leveraging Drones for Cattle Management: How, What and Why? – Meir Ginsburg
10:00 Computer Vision for Animal Care – Geoffrey Shmigelsky
10:30 Possibilities of Ranch Tech and the Role of Remote Monitoring – Andrew Coppin
11:00 Facial Recognition Software for Cattle ID – Bryan Elliott

- 8:30 Forage Management II (1 CEU – General)**
– MSC, Rm. 2400 (Dr. Vanessa Corriher-Olson, Dr. Larry Redmon and Dr. Monte Rouquette, Coordinators)

SPONSORED BY CORTEVA AGRISCIENCE, BRANCH RANCH AND LONE STAR FEED

- 8:30** Utilizing Legumes to Improve Soil Fertility and Reduce Weed Pressure in Pastures – Ray Smith
9:30 Carbon, Cows, Climate: The Rest of the Story – Doug Tolleson
10:15 Grazing Management and Stocking Strategies for Pasture-Beef Systems: Experimental Confirmation vs. Testimonials & Perceptions – Monte Rouquette
11:00 Carbon Markets and What You Need to Know About Them – Tiffany Dowell Lashmet

8:30 Nutritional Management: “How Much Should I Feed My Cattle?” *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, ENVU, J&J CATTLE CO. AND TEXAS DEPARTMENT OF AGRICULTURE

*** **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 OAK CREEK FARMS, Y-TEX AND TEXAS FARM BUREAU

1:30 Eminent Domain – Luke Ellis
3:00 Property Taxes – Natalie Cavellier
4:15 Ag Law FAQs – Tiffany Dowell Lashmet and Kyle Weldon

1:30 Range Management Workshop: Common Rangeland Challenges and Solutions for Beef Cattle Producers
– MSC, Rm. 2406 (Dr. Barron Rector and Dr. Megan Clayton, Coordinators)
SPONSORED BY ENVU, SUNBELT CUSTOM MINERAL AND USDA NRCS

1:30 Plant ID for Grasses, Weeds (Forbs) and Woody Plants
2:20 Grazing Management and Land Condition Change
3:15 Brush Invasion and Management Approaches
3:45 Weed Replacement of Grass and Control Options
4:15 Stocking Rate Decisions and Restocking After a Drought Period
4:45 What Does Successful Range Management Look Like?

1:30 Reproductive Management
– MSC, Rm. 2400 (Dr. Bruce Carpenter, Coordinator)
SPONSORED BY MINITUBE, BOVINE ELITE, REPROLOGIX, ESTROTECT AND ELGIN BREEDING SERVICE

1:30 Cow Costs and Replacement Value – David Anderson
2:15 Genetics of Reproduction – Milton Thomas
3:00 Replacement Heifers: Managing Expectations – Bruce Carpenter
3:45 Replacement Female Options – Ron Gill
4:30 Keeping Cows and Heifers Pregnant – Ky Pohler

1:30 Ranching Around the World
– MSC, Rm. 2404 (Dr. Alice Brandao, Coordinator)
SPONSORED BY J.C. SMITH CO.

Ranchers from around the world will share their ranch production practices and the challenges they face with raising and marketing beef cattle.

1:30 Retained Cattle Ownership Strategies
– Rudder Forum (Dr. Jason Smith, Coordinator)
SPONSORED BY ANGUS LINK AND TEXAS AND SOUTHWESTERN CATTLE RAISERS ASSN.

1:30 Overview of Cattle Feeding in Texas

2:10 Production Risk Management for Retained Ownership – Jason Smith
3:00 Financial Risk Management for Retained Ownership
4:00 Panel Discussion – Justin Gleghorn and Jim McAdams

1:30 Control and Management of Itchy Critters: Flies, Gnats and Ticks (3 CEU Hours: 2 General and 1 IPM, 4 Vet CE)
– Rudder Tower, Rm. 601 (Dr. Tom Hairgrove, Coordinator)
SPONSORED BY HUVEPHARMA AND FARMERS BUSINESS NETWORK

1:30 Texas Animal Health Commission Update on Fever Tick Issues on the Border – Andy Schwartz
2:30 Flies Affecting Cattle and Their Control – Sonja Swiger and Tom Hairgrove
3:30 Bovine Anaplasmosis and *Theileria orientalis*: Tick Borne Diseases – Tom Hairgrove
4:30 Biosecurity and Management for Tick Control – Pete Teel, Samantha Hays and Tom Hairgrove

1:30 Purebred Cattle Marketing
– Rudder Tower, Rm. 301 (Dr. Joe Paschal, Coordinator)
SPONSORED BY ST GENETICS, NUTRITION PLUS AND WENDT RANCHES

1:30 Practical Crossbreeding for Beef Cattle Production – Todd Thrift
2:30 A Seedstock Breeder: Use of Data, DNA and Ultrasound! – Tommy Perkins
3:30 Genetic Selection for Horn Fly Resistant Cattle – Fernanda Rezende

WEDNESDAY, AUGUST 9

7:30 a.m. Coffee and pastries at all meeting locations.
SPONSORED BY BEEF ON FORAGE BEEFMASTER BULL SALE AND AUTO EASY FEEDER

CATTLEMAN'S COLLEGE SEMINARS CONCURRENT WORKSHOPS and LIVE DEMONSTRATIONS

7:00 Fence Building Demonstration
– TAMU O.D. Butler Complex/Beef Cattle Center
SPONSORED BY STATITE 50
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 Cow Reproduction Demonstrations (4 Vet CE)
– TAMU O.D. Butler Complex/Beef Cattle Center (Dr. Tom Hairgrove, Dr. Ky Pohler and Dr. Rodolfo Cardoso, Coordinators)
SPONSORED BY IDEXX, BOVINE ELITE, REPROLOGIX AND ESTROTEC

8:30 Nutrition for the Beef Cow – Reinaldo Cooke and Tom Hairgrove
9:30 Selecting for Productive Replacements: Reproductive Tract Scoring – Rodolfo Cardoso
10:30 Pregnancy Testing: Pros and Cons of Existing Procedures – Ky Pohler and Tom Hairgrove
11:30 Prevention and Control of Reproductive Diseases in Cattle – Tom Hairgrove

8:30 Brush Busters Demonstration (3 CEUs: 3 General)
– TAMU Thomas G. Hildebrand Equine Complex Arena (Dr. Barron Rector and Dr. Megan Clayton, Coordinators)
SPONSORED BY CORTEVA AGRISCIENCE, INDEPENDENT CATTLEMEN'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 Freeman Arena (Dr. Bruce Carpenter and Dr. Ron Gill, Coordinators)
SPONSORED BY MORGAN LIVESTOCK EQUIPMENT, POSITIVE FEED 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 Mr. Pancho Abello, 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 Making Informed Decisions – Terrell and Penny Miller
9:30 Peer groups to boost your management – Pancho Abello
10:23 Cattle Tax and Management Accounting Update – Arty Brieden, Jodi Jones, Hannah Schulz and Justin Reeves

8:30 Beef Carcass Value Determination Workshop
– Rosenthal Meat Science Center (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
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 Envu Booth (1 CEU)
– TAMU Thomas G. Hildebrand Equine Complex Bldg. 177 (Dr. Megan Clayton, Coordinator)

12:00 Beef Cattle Short Course 2023 – Adjourned

★ *THE NEXT BCSC IS SCHEDULED FOR AUGUST 5-7, 2024* ★



Texas A&M University
<http://beefcattleshortcourse.com>

Coordinated by:

TEXAS A&M
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TEXAS A&M UNIVERSITY
Animal Science



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