

Sunday, August 4

10:30 Annual BCSC Student Benefit Scholarship Golf Tournament at Pebble Creek Golf Course

SPONSORED BY BOEHRINGER INGELHEIM AND THE MULE BARN

1:00 Onsite registration and registered participants may pick up their conference materials.

3:00 Texas Purebred Cattle Alliance Annual Meeting – **MSC, Rm. 2404**

4:30 Texas Aggie CattleWomen Steak Dinner Scholarship Fundraiser (**Texas A&M Hotel**)

Monday, August 5

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, DAKOTA GOLD PELLET, CHAMPION ANIMAL HEALTH AND NEOGEN

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. Ron Gill and Dr. Jason Smith, Coordinators)

SPONSORED BY CAPITAL FARM CREDIT

8:30 They're Talking Beef, But in What Language? – Dr. Jason Smith and Dr. Ron Gill

10:00 Break

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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-DOWDUPONT AND HARGROVE RANCH INSURANCE

8:30 Basic Soil Fertility – Dr. Larry Redmon

9:30 NRCS Programs – Mr. Jason Hohlt

10:00 Establishing Native Forages in Humid Regions – Dr. Larry Redmon

11:00 Control of Weeds 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 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 LONE STAR FEED – FERTILIZER

8:30 Inheritance of Coat Color in Cattle – Dr. Jim Sanders

9:15 Evolving Genetic Selection Tools in Beef Cattle – Dr. Matt Spangler

10:00 Texas A&M Genomics Research in Beef Cattle – Dr. Andy Herring

10:45 Epigenetics and Its Effects on Cattle Genetics – Dr. David Threadgill

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 TEXAS RANCHER GIRL AND TEXAS BEEF COUNCIL

8:30 Aquatic Vegetation ID and Management – Ms. Brittany Chesser

9:30 Pesticide Safety – Dr. Mark Matocha

10:30 Pesticide Laws and Regulations – Dr. Don Renchie

8:30 **Advanced Animal Health**

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

SPONSORED BY BAYER ANIMAL HEALTH AND Y-TEX

8:30 Animal Traceability: The Latest Information – Texas Animal Health Commission

9:00 Bovine Viral Diarrhea: What Producers Need to Understand About this Costly Disease – Dr. Shollie Falkenberg

10:15 Minerals and Vitamins in Beef Cattle Production for Better Health and Performance – Dr. Bob Sager

12:00 **Lunch** (Served from 11:30 a.m. to 1:00 p.m.)

– MSC Grand Ballroom

SPONSORED BY STATITE 50, PRODUCERS COOP, MERCK ANIMAL HEALTH AND R.A. BROWN RANCH

★★★ **Blue Bell Ice Cream – Rudder Exhibit Hall** ★★★

SPONSORED BY BOEHRINGER INGELHEIM

1:45 **General Session – Rudder Auditorium Opportunities and Challenges in the Cattle Business**

Moderator – Dr. Jason Cleere

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

1:45 Introduction – Dr. Jason Cleere

1:50 International Beef Academy Graduates

2:05 Beef Consumer Trends at the Grocery Store – Mr. Matt Walters

2:55 Break – *SPONSORED BY NOLAN RYAN'S ALL NATURAL BEEF*

3:45 Extended Weather Outlook – Mr. Brian Bledsoe

4:15 Beef Cattle Production and the Environment – Dr. Frank Mitloehner

5:05 Consumers, Beef Producers, Sustainability and Productivity – Mr. Ben Weinheimer

Summary and Dinner Directions – Dr. Ron Gill

6:00 **Texas Aggie Prime Rib Dinner**

– MSC Grand Ballroom

SPONSORED BY NOLAN RYAN'S ALL NATURAL BEEF, GRAHAM LAND & CATTLE COMPANY AND TAMU DEPARTMENT OF ANIMAL SCIENCE

Tuesday, August 6

7:00 a.m. Trade show opens with coffee and breakfast, compliments of **GENETRUST, AG WORKERS, MERCK ANIMAL HEALTH, DATAMARS – ZTAG & TEMPLE TAG AND WESTWAY FEEDS.**

Cattleman's College Seminars

CONCURRENT SESSIONS

8:30 **Introduction to Cattle Production II**

– Rudder Theatre (Dr. Ron Gill and Dr. Jason Smith, Coordinators)

SPONSORED BY PROGRESSIVE CATTLEMAN, MIX 30 AND HOUSTON LIVESTOCK SHOW & RODEO

8:30 Chemical and Hormones: They are Everywhere – Dr. Ron Gill

9:15 Determining and Using BCS – Dr. Jason Smith

10:15 Break

10:30 A Year on a Ranch – Dr. Ron Gill

8:30 **Beef Cattle Research in Texas**

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

SPONSORED BY SAN ANTONIO STOCK SHOW & RODEO AND TEXAS CATTLE FEEDERS

8:30 Ground Beef Consumption and Risk Factors for Cardiovascular Disease – Mr. Steve Smith

9:10 Exploring BRD Sampling Strategies – Ms. Sarah Capik

9:50 Factors Associated with Pregnancy Loss in Beef Cattle – Dr. Ky Pohler

10:30 Use of Feeding Behavior Patterns to Inform Decision Making in Cattle Operations – Ms. Jocelyn Johnson

11:10 Alternative Feed Ingredients: Looking to a Future of Recycling Through Reforeeding – Mr. Brandon Smith

8:30 **Beef Cattle Health Management**

– MSC, Rm. 2406 (Dr. Tom Hairgrove, Coordinator)

SPONSORED BY ALLFLEX USA, LYSSEY & ECKEL FEEDS AND BAYER ANIMAL HEALTH

8:30 Animal Traceability, a Synopsis – Texas Animal Health Commission

8:45 Bovine Viral Diarrhea, the Basics – Dr. Shollie Falkenberg

9:45 Bovine Trichomoniasis – Mr. Tyler Mackey

10:30 How to Work with Your Veterinarian to Build a Healthy Herd – Panel

8:30 **Ranching Around the World**

– Rudder Tower, Rm. 601

(Dr. Joe Paschal, Dr. Steve Hammack and Dr. Andy Herring, Coordinators)

SPONSORED BY CHAMPION GENETICS, JC SMITH CO AND DIGITAL BEEF

8:30 Beef Production in Vietnam – Dr. Kim Cuc

9:15 Beef Production in Mexico – Sr. Cesar S. Cantu

10:00 Beef Production in Paraguay – Dr. Marcos Medina

10:45 Beef Production in the Dominican Republic – Ing. Julio Lopez

8:30 **Forage Management II – Wintering Options for Cow-Calf Stockers**

– Rudder Auditorium (Dr. Vanessa Corriher-Olson, Dr. Larry Redmon and Dr. Monte Rouquette, Coordinators)

SPONSORED BY CORTEVA AGROSCIENCE-DOWDUPONT, HARGROVE RANCH INSURANCE AND LIVESTOCK NUTRITION CENTER

8:30 Cool Season Annual Legumes, Annual Ryegrass and Small Grains – Dr. Ray Smith

9:45 Stockpiled Forage, Hay & Baleage Production – Dr. Vanessa Corriher-Olson

10:45 Management Strategies for Sustainable Pastures and 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 AND FRANKS MANUFACTURING

8:30 **Wildlife, Livestock and Private Land Stewardship**

– MSC, Rm. 2400 (Mr. Andrew James, Coordinator)

SPONSORED BY SAPI TECHNOLOGIES, TEXAS BEEF COUNCIL AND FIRST DEFENSE

8:30 Diversifying Your Beef Cattle Operation Through Agritourism: Beef and Birds – Dr. Maureen Frank

9:15 Managing Damage to Calves from Migratory Birds – Dr. John Tomecek

10:00 Break

10:15 Responsible Grazing as a Wildlife Habitat Management Strategy – Dr. Megan Clayton

11:00 Using Prescribed Fire to Benefit Cattle and Wildlife – Dr. Morgan Treadwell

12:00 **Lunch** (Served 11:30 a.m. to 1:00 p.m.)

– MSC Grand Ballroom

SPONSORED BY BAYER ANIMAL HEALTH, BAYER RANGE & PASTURE 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 CATTLEMAN'S ASSN. AND OAK CREEK FARMS

Topics will include: Landowner liability, eminent domain and pipeline/transmission line negotiation

1:30 U.S. Roundtable for Sustainable Beef
– Rudder Forum (Dr. Dan Hale, Coordinator)
SPONSORED BY TEXAS & SOUTHWESTERN CATTLE RAISERS ASSN. AND TEXAS CATTLE FEEDERS ASSN.

Participants will learn about the importance of developing and implementing a grazing management plan that is customized to meet the needs of their ranch.

1:30 Range Management Workshop: Balancing Rangeland Opportunities and Challenges
– MSC, Rm. 2406 (Dr. Robert Lyons and Dr. Barron Rector, Coordinators)
SPONSORED BY BAYER RANGE & PASTURE, AND USDA NRCS

- 1:30 Welcome and Introduction – Dr. Morgan Treadwell
1:40 Matching Beef Production Cycles to Forage Quantity and Quality – Dr. Tim Steffens
2:15 Dusting off Your Drought Plan – Dr. Doug Tolleson
2:50 Rainfall Forage Insurance – Dr. Bill Thompson
3:35 Break
3:45 Selective Aerial Herbicide Applications for Brush Management with Wildlife in Mind – Mr. James Jackson and Dr. Megan Clayton
4:20 Integrating Range Management for Wildlife and Cattle – Dr. Megan Clayton

1:30 Reproductive Management
– Rudder Auditorium (Dr. Bruce Carpenter, Coordinator)
SPONSORED BY BOVINE ELITE LLC AND TRANS OVA GENETICS

- 1:30 Bull Fertility and Management – Dr. Bruce Carpenter
2:15 The Breeding Soundness Exam – Dr. Tom Hairgrove
3:00 The Economics of Breeding Soundness Exam – Mr. Bill Thompson
3:45 Break
4:00 The Paternal Influence on Pregnancy Loss in the Female – Dr. Ky Pohler
4:45 Use of Sexed Semen in AI Protocols – Dr. Cliff Lamb

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 AGRILABS, CHAMPION ANIMAL HEALTH AND HUDSON LIVESTOCK

- 1:30 Research Report: Ticks – Ms. Samantha Hayes
2:15 Flies Affecting Livestock – Dr. Sonja Swinger
3:15 Update on Fever Tick and Equine Piroplasmiasis – Texas Animal Health Commission
4:15 Fever Tick Eradication: USDA Perspective – Dr. Hallie Hasel
5:00 Bovine Anaplasmosis: Management of Vectors – Dr. Tom Hairgrove

1:30 Cattle Marketing – Marketing Commercial Calves
– MSC, Rm. 2400 (Dr. Rick Machen, Coordinator)
SPONSORED BY EAST TEXAS LIVESTOCK, TEXAS AND SOUTHWESTERN CATTLE RAISERS AND GULF COAST CATTLEMAN

- 1:30 What is a “Good” Price for my Calves? – Dr. Rick Machen
2:30 Eight Things Your Cattle Marketing Professional Wants You to Know (and Do) – Mr. Greg Goudeau

- 3:30 Niche Markets – Opportunities, Risks and Considerations – Ms. Kristina Bierschwale
4:30 Comments and Questions from the Audience

1:30 Purebred Cattle Marketing
– Rudder Tower, Rm. 301 (Dr. Joe Paschal, Coordinator)
SPONSORED BY RED ANGUS ASSN. OF AMERICA, ST GENETICS, AMERICAN MARKETING SERVICE AND NEOGEN

- 1:30 An Overview of Today’s Beef Industry – Dr. Ron Gill
2:15 Where is the Seedstock Industry Headed in a Changing Industry? – Mr. Troy Marshall
3:00 Seedstock Production in a Commercial Setting: An Eye on the Future – Mr. Tylor Braden

Wednesday, August 7

- 7:30 a.m.** Coffee and pastries at all meeting locations.
SPONSORED BY MULTIMIN AND TRIPLE L RANCH

Cattleman’s College Seminars

CONCURRENT WORKSHOPS and LIVE DEMONSTRATIONS

7:00 Fence Building Demonstration
– TAMU O.D. Butler Complex/Beef Cattle Center (Dr. Steve Hammack, 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 stretch sections and string multiple types of wire during this demonstration.

8:30 Tractor Safety, Hay Production and Sprayer Calibration (1 CEU: Drift)
– TAMU Thomas G. Hildebrand Equine Complex Arena (Dr. Vanessa Corriher-Olson and Dr. Monte Rouquette, Coordinators)
SPONSORED BY STAY-TUFF FENCE

- 8:30 Purchasing Your Next Tractor and Implements for the Ranch – Mr. Richard Johnson
9:15 Tractor and Implement Safety Tips – Mr. Richard Johnson
9:30 Sprayer Calibration Demonstration – Dr. Vanessa Corriher-Olson and Dr. Larry Redmon
10:30 Hay Sampling/Quality Demonstration – Dr. Vanessa Corriher-Olson and Dr. Larry Redmon

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-DOWDUPONT 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, Tallow Tree, Huisache, Prickly Pear, Macartney Rose and Cedar.

8:30 Beef Cattle Business Management Workshop
– TAMU Thomas G. Hildebrand Equine Complex Bldg. 177 (Dr. David Anderson, Coordinator)

SPONSORED BY CATTLEMATX SOFTWARE, AG SOUTHWEST CROP & 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
9:30 Innovations in Livestock Monitoring – Mr. Brandon Manning
10:30 Break
10:45 Cattle Tax and Management Accounting Update 2019 – 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 & LIVESTOCK POST

- 8:30 Feeder Calf to Carcass Grid – Dr. Dan Hale
9:00 Carcass Grading
9:30 Live Cattle Evaluation/Grid Marketing
10:00 Review Live Video of Market Finished Cattle
10:30 View Carcasses from the Four Steers
11:00 Carcass to Boxed Beef Cuts – Dr. Davey Griffin

8:30 Cattle Handling Demonstrations – Freeman Arena (Dr. Bruce Carpenter and Dr. Ron Gill, Coordinators)
SPONSORED BY ALEXANDER LIVESTOCK, AUTO EASY FEEDER AND FAIRLIE SEED COMPANY LLC

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 BEEF ON FORAGE BEEFMASTER BULL SALE AND FIRST DEFENSE

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

8:30 Top Ag Laws Affecting Ranchers – MSC, Rm. 2400 (Mrs. Tiffany Dowell-Lashmet, Coordinator)
SPONSORED BY AG WORKERS

This session will cover several issues affecting ranchers/landowners. There will also be an opportunity for a Q&A session with top ag attorneys in the United States.

12:00 Beef Cattle Short Course 2019 – Adjourned

★ **THE NEXT BCSC IS SCHEDULED FOR AUGUST 3-5, 2020** ★



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 Rudder
Monday 6-8:30 p.m., Rudder to Lot 61
Tuesday 6:30-9 a.m., Lot 61 to Rudder
Tuesday 4:30-6:30 p.m., Rudder to Lot 61

Printed program compliments of:

GULF COAST
Cattleman