

Sunday, July 31

- 10:30** Annual BCSC Student Benefit Scholarship Golf Tournament at Pebble Creek Golf Course
SPONSORED BY MERIAL, ANDERSON BEAN BOOTS 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**
- 6:00** Texas Aggie CattleWomen Steak Dinner Scholarship Fundraiser (**College Station Hilton**)

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, BRADLEY 3 RANCH AND AG WORKERS
- 8:00** General Assembly for Instructions and Orientation by Dr. Jason Cleere – Rudder Theatre
SPONSORED BY SILVEUS, EXPRESS SCALE SERVICES AND BCR VENTURES

Cattleman's College Seminars

CONCURRENT SESSIONS

- 8:30 Introduction to Cattle Production I (2 BQAs)** – Rudder Theatre (Dr. Jason Banta, Coordinator)
SPONSORED BY CAPITAL FARM CREDIT
- 8:30 They're Talking Beef, But in What Language? – Dr. Jason Banta and Dr. Ron Gill
- 10:00 Break
- 10:15 Time to Unpack the Questions You Brought with You – Dr. Jason Banta and Dr. Ron Gill
- 11:30 Adjourn
- 8:30 Forages I – Hay and Beyond: Overwintering Cattle in Texas (2.5 BQAs)** – MSC, Rm. 2400 (Dr. Vanessa Corriher-Olson, Dr. Larry Redmon and Dr. Monte Rouquette, Coordinators)
SPONSORED BY DOW AGROSCIENCES, HARGROVE RANCH INSURANCE AND FRANKS MANUFACTURING
- 8:30 NRCS Programming Opportunities – Mr. Jason Hohlt
- 9:00 Producing Quality Hay – Dr. Vanessa Corriher-Olson
- 9:45 Storing, Feeding Hay, Standing Hay and Deferred Forage Management Options – Dr. Monte Rouquette
- 10:30 Soil Fertility and Fertilizing Hay Meadows – Dr. Larry Redmon
- 11:15 Winter Pastures: What? When? How? – Dr. Ray Smith

- 8:30 Landowner Issues** – MSC, Rm. 2406 (Mrs. Tiffany Lashment, Coordinator)
SPONSORED BY INDEPENDENT CATTLEMEN'S ASSN. AND AMERICA'S ALFALFA
- 8:30 Eminent Domain Procedures – Mr. Luke Ellis
- 9:30 Break
- 9:45 Agricultural Law Update (Recreational Use and Agritourism Statutes, Bragg case, Coyote Lake Ranch case, WOTUS, etc.) – Mrs. Tiffany Lashment
- 10:45 Break
- 11:00 Energy Leasing (Wind, Solar, Oil and Gas) – Mr. James Decker
- 8:30 Nutritional Management: "How Much Should I Feed My Cows?" (3 BQAs)** – Rudder Forum **REPEAT ON TUESDAY** (Dr. Ted McCollum and Dr. Rick Machen, Coordinators)
SPONSORED BY RIGHT NOW MINERAL AND TRU-TEST SCALES

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 Systems (1 BQA)** – Rudder Tower, Rm. 601 (Dr. Joe Paschal, Dr. Steve Hammack and Dr. Andy Herring, Coordinators)
SPONSORED BY SOUTHERN LIVESTOCK STANDARD, CIRCLE X LAND AND CATTLE AND TEXAS PUREBRED CATTLE ALLIANCE
- 8:30 Collecting Data for a Profitable Outcome – Mr. Brad Wright
- 9:15 Contemporary Grouping: The Key to Good Data Collection – Mr. Marty Ropp
- 10:00 Navigating the World of Genetic Tests – Dr. Alison Van Eenennaam
- 11:00 Speakers Panel
- 8:30 Beef Cattle Research in Texas (2 BQAs)** – Rudder Tower, Rm. 301 (Dr. Andy Herring, Coordinator)
SPONSORED BY SAN ANTONIO STOCK SHOW AND RODEO AND TEXAS CATTLE FEEDERS ASSN.

- 8:30 Effects of Level of Dried Distillers Grains Supplement on Stocker Performance – Dr. Monte Rouquette and Mr. Brandon Smith
- 9:10 Considerations Involving Calf Temperament at Weaning in Cattle Populations – Dr. Tom Welsh
- 9:50 Intensive Beef Cow-Calf Production Systems – Dr. Jason Sawyer and Mr. Levi Trubenbach
- 10:30 Use of Brisket to Produce Ground Beef with Unique Fatty Acid and Organoleptic Properties – Dr. Steve Smith
- 11:10 Influences of Calf Background Information on Health Responses and Carcass Traits – Dr. Andy Herring

- 12:00 Lunch** (Served from 11:30 a.m. to 1:00 p.m.) – MSC Grand Ballroom
SPONSORED BY STATITE 50, PRODUCERS COOP AND MERCK ANIMAL HEALTH

★★★ **Blue Bell Ice Cream – Rudder Exhibit Hall** ★★★
SPONSORED BY MERIAL AND 44 FARMS

- 1:45 General Session – Rudder Auditorium After Record Cattle Prices, Where Are We Headed?**
Coordinator – Dr. Jason Cleere
SPONSORED BY GRAHAM LAND AND CATTLE CO. AND MEMBERS OF THE AMERICAN BREEDS COALITION: BRAHMAN, BRAFORD, BRANGUS, BEEFMASTER, RED BRANGUS, SANTA GERTRUDIS AND SIMBRAH

- 1:45 Introduction – Dr. Jason Cleere, Texas A&M Agrilife Extension
- 2:00 Hot Issues Affecting the Beef Industry – Dr. Ted McCollum, Texas A&M Agrilife Extension
- 2:30 Who is our Beef Consumer and What Will They Want 20 Years From Now? – Dr. Brad Morgan, Performance Food Group
- 3:20 Break – **SPONSORED BY NOLAN RYAN'S ALL NATURAL BEEF**
- 4:00 Beef Cattle Market Outlook – Mr. Duane Lenz, CattleFax
- 5:00 Weather Outlook – Mr. Brian Bledsoe, Southern Livestock Standard Weatherman
- 5:30 Summary and Dinner Directions – Dr. Ron Gill, Texas A&M Agrilife Extension
- 6:00 Texas Aggie Prime Rib Dinner** – MSC Grand Ballroom
SPONSORED BY NOLAN RYAN'S ALL NATURAL BEEF, GRAHAM LAND AND CATTLE COMPANY AND TAMU DEPARTMENT OF ANIMAL SCIENCE

Tuesday, August 2

- 7:00 a.m.** Trade show opens with coffee and breakfast, compliments of **TEXAS BEEF COUNCIL, GENETRUST AND WESTWAY FEEDS.**

Cattleman's College Seminars

CONCURRENT SESSIONS

- 8:30 Introduction to Cattle Production II (2.5 BQAs)** – Rudder Theater (Dr. Jason Banta, Coordinator)
SPONSORED BY PROGRESSIVE CATTLEMAN AND HOUSTON LIVESTOCK SHOW AND RODEO
- 8:30 A Year on the Ranch – Key Management Plans – Dr. Jason Banta
- 10:00 Break
- 10:20 A Year on the Ranch – Monthly Management Calendar and Key Management Plans – Dr. Jason Banta
- 11:30 Adjourn

- 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

- 8:30 Pasture Weed Management – Dr. Mark Matocha
- 9:30 Nuisance Wildlife Management – Ms. Linda Hejl
- 1030 Pesticide Laws and Regulations – Dr. Don Renchie
- 8:30 Beef Cattle Health Management (2 BQAs)** – MSC, Rm. 2406 (Dr. Tom Hairgrove, Coordinator)
SPONSORED BY ALLFLEX USA AND BAYER ANIMAL HEALTH
- 8:30 The Veterinary Feed Directive – How Will It Impact My Operation – Dr. Tom Hairgrove
- 9:30 Pinkeye Best Management Practices for Control – Mr. Benjamin Snowden
- 10:00 Update on Bovine Trichomoniasis – Dr. Tom Hairgrove
- 10:30 Are Parasites Robbing You? – Dr. Tom Craig
- 11:00 How to Involve Your Veterinarian in Your Production System – Dr. Helen Phillips and Dr. Joe Paschal

- 8:30 Special Topics in Beef Cattle Genetics (1.5 BQAs)** – Rudder Tower, Rm. 301 (Dr. Joe Paschal, Dr. Steve Hammack and Dr. Andy Herring, Coordinators)
SPONSORED BY CHAMPION GENETICS, ZOETIS AND LONE STAR AG CREDIT

- 8:30 The 2016 and the 2036 Cowherd: What We Do and What We Need to Do Better – Dr. David Lalman
- 9:30 Genomics Projects in Bovine Respiratory Disease, Feed Efficiency and Reproduction – Dr. Alison Van Eenennaam
- 10:15 Temperament Evaluation Systems as Useful and Important Tools for Beef Cattle Producers – Dr. Ron Randel
- 11:00 Genetic Variation in Feed Efficiency: Does It Exist and Can We Exploit It? – Dr. Gordon Carstens

- 8:30 Forages II – The Basics of Pasture and Forage Production (1 General CEU; 2.5 BQAs)** – MSC, Rm. 2400 (Dr. Vanessa Corriher-Olson, Dr. Larry Redmon and Dr. Monte Rouquette, Coordinators)
SPONSORED BY DOW AGROSCIENCES, HARGROVE RANCH INSURANCE AND LIVESTOCK NUTRITION CENTER

- 8:30 NRCS Programming Opportunities – Mr. Jason Hohlt
- 9:00 Soil Testing and Soil Fertility – Dr. Larry Redmon
- 9:45 Weed and Insect Management in Pastures and Hay Meadows – Dr. Vanessa Corriher-Olson
- 10:35 Winter Pastures: What? When? How? – Dr. Ray Smith and Dr. Clark Neely
- 11:15 Winter Pasture Systems and Stocking Strategies – Dr. Monte Rouquette

- 8:30 Nutritional Management: "How Much Should I Feed My Cows?" (3 BQAs)** – Rudder Forum **REPEATED FROM MONDAY** (Dr. Ted McCollum and Dr. Rick Machen, Coordinators)
SPONSORED BY RIGHT NOW MINERAL AND TRU-TEST SCALES

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

**SPONSORED BY BAYER ANIMAL HEALTH,
BAYER RANGE AND PASTURE AND RANCH HOUSE DESIGNS**

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

**SPONSORED BY RA BROWN RANCH AND
GRAHAM LAND AND CATTLE**

**1:30 Purchasing and Managing Stocker Cattle
(2 BQAs)**

– Rudder Forum (Dr. Ted McCollum, Coordinator)

**SPONSORED BY TEXAS AND SOUTHWESTERN CATTLE RAISERS
ASSN., BOEHRINGER INGELHEIM AND ZINPRO**

This session will discuss key leverage points in stocker cattle production, evaluate management tools, and calf management with grazing resources. What is the VFD and how might it affect a stocker operation?

**1:30 Range Management Workshop:
Revamp Your Ranch (1 General CEU; 1 BQA)**

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

**SPONSORED BY BAYER RANGE AND PASTURE,
SILVEUS AND USDA NRCS**

1:30 The Buena Hierba Ranch – Dr. Barron Rector
1:45 Standing Crop With Clipping – Dr. Megan Clayton
2:05 Cow Size and Replacements, Forage Intake
– Dr. Robert K. Lyons
2:25 Plant Height: Desirable vs. Undesirable
– Dr. Barron Rector
2:45 Grazable Acres – Dr. Robert K. Lyons
3:20 Land Limitations – Dr. Megan Clayton
3:40 Brush Management – Mr. James Jackson
4:00 Weed Management – Dr. Barron Rector
4:20 Wildlife Considerations – Dr. Megan Clayton
4:40 Cow Condition – Dr. Robert Lyons

1:30 Reproductive Management (1.5 BQAs)

– MSC, Rm. 2400 (Dr. Bruce Carpenter, Coordinator)

SPONSORED BY BOVINE ELITE AND TRANS OVA GENETICS

1:00 Basic Bull Management: Protect Your Investment
– Dr. Bruce Carpenter
1:45 The Breeding Soundness Exam: Why and What the
Veterinarian Does – Dr. Tom Hairgrove
2:30 The Economic Value of a Breeding Soundness Exam
– Mr. Stan Bevers
3:00 Break
3:15 What's a Pregnancy Cost These Days: Bulls vs. AI?
– Dr. Bruce Carpenter
3:45 Managing Breeding and Calving Seasons: What You
Need to Know About Forage Quality – Mr. Kent Mills

**1:30 Flies, Gnats and Ticks – Pester Your Cattle,
Cost You Money
(3 CEU Hours: 1 IPM and 2 General)**

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

SPONSORED BY AGRILABS, FAIRLIE SEED AND HUDSON LIVESTOCK

1:30 Control of Cattle Flies – Dr. Sonja Swiger
2:30 Update on Fever Tick and Equine Piroplasmiasis in
South Texas – Dr. Andy Schwartz
3:30 Break
3:45 The Role of Ticks in Bovine Anaplasmosis and Novel
Methods of Control – Dr. Pete Teel and Ms. Samantha
Hays

1:30 Purebred Cattle Marketing

– Rudder Tower, Rm. 601 (Dr. Joe Paschal and
Mr. John Ford, Coordinators)

**SPONSORED BY DATAMARS – ZTAG AND TEMPLE TAG
AND AMERICAN MARKETING SERVICE**

1:30 Identifying Your Market – Dr. Tommy Perkins
2:15 Marketing Options for Purebred Breeders – Mr. Mark
Cowan
3:15 Utilizing Data to Develop Markets – Mr. Jeff Jorgenson
4:00 Marketing Panel – Ms. Josefina Luecana, Mr. James
Burks, Mr. Trey Scherer, Mr. Jeff Sargent and Mr. Bill
Fielding

Wednesday, August 3

7:30 a.m. Coffee and pastries at all meeting locations.
SPONSORED BY AUTO EASY FEEDER AND MULTIMIN

Cattleman's College Seminars

**CONCURRENT WORKSHOPS
and LIVE DEMONSTRATIONS**

6:45 Fence Building Demonstration
– TAMU O.D. Butler Complex/Beef Cattle Center
(Dr. Steve Hammack, Coordinator)

**SPONSORED BY STA TITE 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 Tractors and Equipment Demonstration
– MSC, Rm. 2400 (Dr. Vanessa Corriher-Olson,
Coordinator) **(1 General CEU; 1.5 BQAs)**

**SPONSORED BY HELENA AND BARENBRUG
AND 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
(2 General and 1 IPM CEUs; 1 BQA)**

– Freeman Arena/TAMU Equestrian Center
(Dr. Robert Lyons and Dr. Barron Rector, Coordinators)

SPONSORED BY DOW AGROSCIENCES AND POSTIVE FEED

Integrated brush control using Brush Busters protocols and equipment. This session will also cover how to manage and control Mesquite, Huisache, Tallowtree, Prickly Pear, Macartney Rose and Greenbriar.

8:30 Beef Cattle Business Management Workshop

– MSC, Rm. 2406 (Dr. David Anderson and Dr. Rob
Hogan, Coordinators)

**SPONSORED BY CATTLEMAX SOFTWARE
AND GULF COAST CATTLEMAN**

8:30 Incorporating Production and Financial Records in
Herd Management – Mrs. Penny and Mr. Terrell Miller,
Cattlesoft, Inc.
9:30 Updating Ranch KPI Targets – Mr. Stan Bevers
10:30 Break
10:45 Cattle Tax and Management Accounting Update – 2016
– Mr. James Schroeder, Ms. Ginger Bosse and
Mr. Arty Brieden, Seidel, Schroeder and Company

**8:30 Beef Carcass Value Determination Workshop
(3 BQAs)** – 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 Video Tour of a Packing Plant – Dr. Dan Hale
9:00 Carcass Grading and Grid Marketing – Dr. Dan Hale
9:30 Live Cattle Evaluation – Mr. Brant Poe
10:00 Review Live Video of Market Finished Cattle
10:30 Review Carcasses
11:00 Boxed Beef Cuts and Value – Dr. Davey Griffin

**8:30 Cattle Handling and Bull Fertility
Demonstrations (3 BQAs)**

– Louis Pearce Pavilion
(Dr. Bruce Carpenter and Dr. Ron Gill, Coordinators)

**SPONSORED BY ALEXANDER LIVESTOCK, TE PARI AND
INDEPENDENT CATTLEMEN'S ASSN.**

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 than cattle handled with what has become "traditional" handling principles. A bull breeding soundness exam will also be conducted during the session.

**8:30 Beef Cattle Chute Side Demonstration
(3 BQAs)** – TAMU Beef Cattle Center

(Dr. Jason Banta and Dr. Rick Machen, Coordinators)

SPONSORED BY ZOETIS AND COUNTRY WORLD NEWSPAPER

Live animal demonstrations covering basic cow herd management practices with emphasis on proper vaccination procedures, castration, dehorning, parasite control and BQA recommendations.

12:00 Beef Cattle Short Course 2016 – Adjourned

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**THE NEXT BCSC IS SCHEDULED FOR
AUGUST 7-9, 2017**



Texas A&M University

Coordinated by:

**TEXAS A&M
AGRI LIFE
EXTENSION**



<http://beefcattleshortcourse.com>

Shuttle Schedule

Monday 6-9 a.m., Lot 61 to MSC
Monday 6-8:30 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
Wednesday 7-9 a.m., Lot 61 to MSC

Printed program compliments of:

GULF COAST
Cattleman