Sunday, August 1

1:00 Onsite registration and participating registrants 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
3:00 Coffee and breakfast

6:30 Registration Desk AND TRADE SHOW OPENS

6:30 – Rudder Theatre (Dr. Jason Smith, Coordinator)

Sponsored by CARROLL NUTRITION, BINDER 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 nutritional requirements, feed and forage nutritional value.

8:30 – Rudder Tower, Rm. 601

Cattlemen’s College Seminars

8:30 CONCURRENT SESSIONS

8:30 Introduction to Cattle Production I – Rudder Theatre (Dr. Jason Smith, Coordinator)

Sponsored by CAPITAL CATTLE CREDIT and CATTLEMEN’S SOFTWARE

10:00 Pushing Beef Demand Higher: Beef Checkoff Update
– Rudder Theatre, Rm. 601 (Dr. Bruce Carpenter, Coordinator)

10:00 Forage Management I – Pasture Management Strategies (1 CEU: General)
– MSC, Rm. 2400 (Dr. Vanessa Conner-Orson, Dr. Larry Redmon and Dr. Monte Rouquette, Coordinators)

Sponsored by CORTeva AGROrCIScience, BRANCH RANCH and LONG STAR FEED and FERTILIZER

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

Sponsored by BAYER ANIMAL HEALTH and Y.TEX

10:15 Panel Discussion

3:00

1:00 General Session – Rudder Auditorium

Looking Towards the Future of Ranching Moderators – Dr. Jason Cleere

Sponsored by GRAHAM LAND and CATTLE COMPANY and MEMBERS OF THE AMERICAN BREDERS’ COALITION: BRAHMA, BRANDED BRAND, BOSMASTER, RED BRANDS, SANTA GERTRUDIS and SIMBRAN

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

Sponsored by BAYER ANIMAL HEALTH

11:00 Animal Disease Traceability – Free RFID Tag Program
– Mr. Russell Isset

10:15 Panel Discussion

3:00onal Nutritional Management: “How Much Should I Feed My Cows?” – Rudder Forum (Dr. Jason Banta, Coordinator) – REPEAT ON TUESDAY

Sponsored by CARROLL AGRICULTURE, BRANCH RANCH and LONG STAR FEED and FERTILIZER

9:15 Basic Soils and Fertility – Dr. Larry Redmon
10:15 Weed Control in Pastures and Hay Meadows – Dr. David Riley
10:00 Feral hog management – Mr. Aaron Sumrall
9:30 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 Herb Health – Connecting with Extension – Ms. Kathryn Silver
10:15 Panel Discussion

3:00 Soil Carbon and Forages – Dr. Jamie Foster
9:30 Noon Forages for Texas – Dr. Ray Smith
10:30 Forage Systems for Pasture Finishing Beef – Dr. Montie Rouquette

8:30 Educational Session: “Feeding the Future” – Rudder Forum (Dr. Judi Mesick, Coordinator) – REPEATED FROM MONDAY

Sponsored by CORTeva AGROrCIScience, BRANCH RANCH and LONG STAR FEED and FERTILIZER

9:30 Introductory Session: Beef Production Systems in Romania
– Dr. Ioana Boldea
8:30 Beef Cattle Health Management
– Rudder Tower, Rm. 301 (Dr. Tom Hairgrove, Coordinator)

Sponsored by ALLEFLex USA, LYSEx and ECCAL FEEDS and BAYER ANIMAL HEALTH

8:30 Bovine Trichomoniasis – Dr. Glennon Mays and Ms. McCaffrey Cunningham
9:40 Animal Disease Traceability – Free RFID Tag Program
– Mr. Russell Isset

10:10 Herd Health Panel – How to Develop and Manage a Cattle Health Program – Dr. Robert Conley, Dr. Gary Warner and Dr. Peter Walker

11:20 What Health Practices are Cattle Buyers Paying For? – Mr. Jay Gray

8:30 International Beef Production (Ranching Around the World)
– MSC, Rm. 2400

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

Sponsored by CORTeva AGROrCIScience, BRANCH RANCH and LONG STAR FEED and FERTILIZER

10:00 Working with Small Producers in Zimbabwe
– Dr. Michael Magondo

9:45 Grassed Beef Production in Germany – Ms. Antonia Haackel

Tuesday, August 3

7:00 a.m. Trade show opens with coffee and breakfast, compliments of Ag WORKERS, MERCK ANIMAL HEALTH and WESTWAY FEEDS

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

Cattlemen’s College Seminars

8:30 CONCURRENT SESSIONS

8:30 Introduction to Cattle Production II – Rudder Theatre (Dr. Jason Smith, Coordinator)

Sponsored by WEN up PROGRESSIVE CATTLEMEN 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

8:00 Soil Carbon and Forages – Dr. Jamie Foster
9:30 Noon Forages for Texas – Dr. Ray Smith
10:30 Forage Systems for Pasture Finishing Beef – Dr. Montie Rouquette

8:30 Educational Session: “Feeding the Future” – Rudder Forum (Dr. Judi Mesick, Coordinator) – REPEATED FROM MONDAY

Sponsored by CORTeva AGROrCIScience, BRANCH RANCH and LONG STAR FEED and FERTILIZER

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– Dr. Ioana Boldea
8:30 Beef Cattle Health Management
– Rudder Tower, Rm. 301 (Dr. Tom Hairgrove, Coordinator)

Sponsored by ALLEFLex USA, LYSEx and ECCAL FEEDS and BAYER ANIMAL HEALTH

8:30 Bovine Trichomoniasis – Dr. Glennon Mays and Ms. McCaffrey Cunningham
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8:30 International Beef Production (Ranching Around the World)
– MSC, Rm. 2400

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

Sponsored by CORTeva AGROrCIScience, BRANCH RANCH and LONG STAR FEED and FERTILIZER

10:00 Working with Small Producers in Zimbabwe
– Dr. Michael Magondo

9:45 Grassed Beef Production in Germany – Ms. Antonia Haackel

8:30 Cattle Marketing – Marketing Commercial Calves
– MSC, Rm. 2406 (Dr. Ron Gill, Coordinator)

Sponsored by BRANHAM 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

8:00 Reproductive Management II – Rudder Tower, Rm. 601 (Dr. Bruce Carpenter, Coordinator)

Sponsored by BOVINE ELITE LLC, AIM and HAMMER ANIMAL NUTRITION and ELGIN BREEDING SERVICE

8:30 What it Costs to Run a Cow These Days – Dr. Justin Benavidez
9:15 Breeding and Management for Early Calving Females and New Pregnancy Testing Technology – Mr. Pedro Levy
10:00 Managing Reproduction in Bos Indicus Influenzae Females – Dr. Philip Monke
10:45 Strategic Supplementary to Enhance Reproductive Efficiency in Beef Cows – Reinado Cooke
11:00 Observations on Environmental Effects on Bull Semen Quality – Dr. Tom Hairgrove

8:30 Forage Management II
– MSC, Rm. 2400 (Dr. Vanessa Conner-Orson, Dr. Larry Redmon and Dr. Monte Rouquette, Coordinators)

Sponsored by CORTeva AGROrCIScience, BRANCH RANCH and LONG STAR FEED and FERTILIZER

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10:00 Working with Small Producers in Zimbabwe
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9:45 Grassed Beef Production in Germany – Ms. Antonia Haackel

1:30 Landowner Rights: Ask an Ag Lawyer
– Rudder Theatre (Ms. Tiffany Dowell Latheim, 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 Beef Cattle Research
   – Ruddier Tower, Rm. 301 (Dr. Andy Herring, Coordinator)
   **Sponsored by San Antonio Stock Show and Rodeo, Texas and Southwestern Cattle raisers Association and Gulf Coast Cattlemen**

1:30 Factors Affecting Flavor in Beef and How We Measure It
   – Mr. Chris Kerth

1:30 Various Cow-Calf Management Strategies that Improve Sustainability – Ms. Jessica Gilreath

1:30 Balancing Pre-Breeding Vaccinations and Reproductive Efficiency – Ms. Kaitlin Eppong

3:00 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 Corporation 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

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**Cattlemen’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 Spraytex 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 Positive Fix**

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

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**Cattleman in the Classroom**

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

**Sponsored by Beef on Forage Beefmaster Bull Sale and Huyepharma**

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 Farm and Ranch Insurance and Gulf Coast Cattlemen**

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. Amy Brieden and Ms. Ginger Bosse

8:30 Beef Carcass Value Determination Workshop – Rosenthal Meat Lab (Dr. Davey Griffin and Dr. Dan Hale, Coordinators)

8:30 Cattle Handling Demonstrations – Freeman Arena (Dr. Bruce Carpenter and Dr. Ron Gill, Coordinators)

**Sponsored by Cherokee 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 Repology and IDEX**

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

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**Wednesday, August 4**

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**Shuttle Schedule**

Monday 5:30-8:30 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

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Printed program compliments of:

Gulf Coast Cattlemen

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**The next BCSIS is scheduled for August 1-3, 2022**