

RANGE

BEEF COW SYMPOSIUM XXVIII

December 13-14, 2023

The Ranch Events Complex, Loveland, Colorado



*Presented by Extension and the Animal Science
Departments of Colorado State University,
South Dakota State University, University of
Nebraska-Lincoln and University of Wyoming*



HOSTED BY COLORADO STATE UNIVERSITY

www.rangebeefcowsymposium.com

28TH BIENNIAL RANGE BEEF COW SYMPOSIUM

December 13-14, 2023

The Ranch Events Complex, Loveland, Colorado

WELCOME to the Range Beef Cow Symposium. The symposium is hosted by Extension and Animal Science Departments of Colorado State University, South Dakota State University, University of Nebraska-Lincoln and University of Wyoming. We hope you will enjoy your visit to Colorado. The Range Beef Cow Symposium is noted for its excellent educational program for cow-calf producers, beef industry leaders and Extension personnel. The first symposium was held in Chadron, Neb., in 1969. It is held every other year and rotates location among the cooperating states. The next symposium will be hosted by the University of Wyoming.

The Bull Pen sessions are said to be the most valuable part of the symposium. This is a time for attendees to have in-depth discussion with the speakers and an opportunity to ask questions. Most of the symposium speakers on Wednesday and Thursday will be present in the evening, following their presentations.

Commercial displays representing many segments of the industry are an integral part of the symposium. Exhibitors will be present to discuss their products, plus information on newly released products will be available.

Copies of the proceedings may be obtained digitally on the symposium website www.rangebeefcowsymposium.com. Please contact Ryan Rhoades at (970) 217-0239 (ryan.rhoades@colostate.edu) with questions or comments.

ORGANIZING COMMITTEE



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ACKNOWLEDGEMENTS

The 28th Biennial Range Beef Cow Symposium Committee expresses sincere appreciation to all of those who shared in the planning and arrangement to make this a success. Special thanks to all the speakers, CSU faculty and students, department heads at organizing universities, The Ranch Complex staff, BluePrint Media, corporate and media sponsors, trade show exhibitors and participants (those who work and toil to make the beef industry great)!

RBCS XXVIII SPONSORS

Special recognition is given to the following companies. Their generous support has allowed the symposium committee to provide the highest quality program at the minimum cost to participants. Please express your appreciation to these businesses in comments and future considerations.

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ag.colorado.gov

cda_info@state.co.us



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sam.cunningham@colostate.edu

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www.escobakcranch.com

chrissandoval1961@gmail.com



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Farmatan | BOOTH 28

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kstatekcare@ksu.com



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key-lix.com



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www.legacyverified.com

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mbent.adriane@gmail.com



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axiota.com

info@axiota.com



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www.neogen.com

inform@neogen.com



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info@ralcoagriculture.com



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redangus.org

info@redangus.org



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www.selectsires.com

info@selectsires.com



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paul.thompson@siibrands.com



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PO Box 830908, C203 ANSC, Lincoln, NE 68583

beef.unl.edu

beef@unl.edu



Virbac Animal Health | BOOTH 40

1301 Solana Blvd., Ste. 2400, Bldg. 2, Westlake, TX 76262

us.virbac.com/home



Vitalix | BOOTH 17

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vitalix.com

info@vitalix.com



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1825 Big Horn Ave., Cody, WY 82414

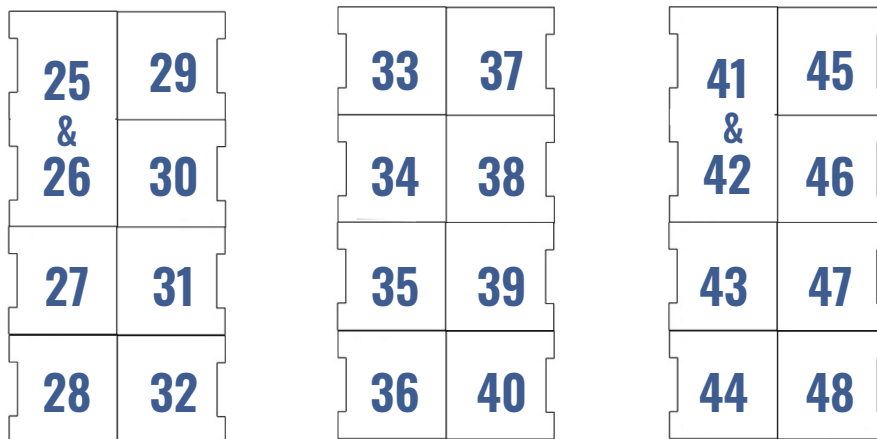
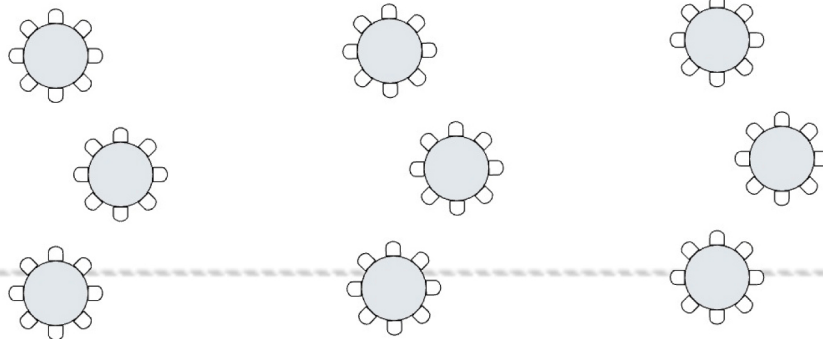
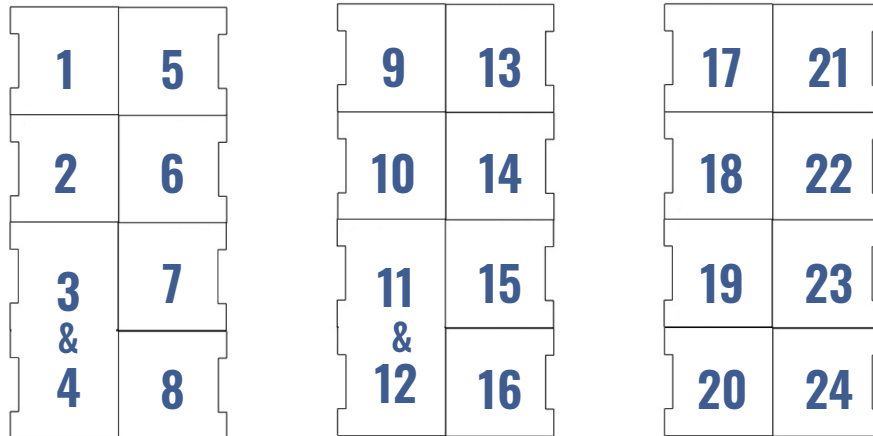
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TRADE SHOW MAP

< To Main Sessions

FNBO SOUTH HALL



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RBCS XXVIII SCHEDULE

TUESDAY, DECEMBER 12, 2023

1:00 PM BQA Certification Workshop – *BQA Coordinators*

4:00 PM BQA Program Wrap-Up

WEDNESDAY, DECEMBER 13, 2023

8:00 AM Welcome & Morning Ramrod, *Patrick Doyle, Colorado State University* – FNBO North Hall

8:15 AM Marketing Feeder Calves for Increased Value, *Derrell Peel, Oklahoma State University*

8:45 AM Consumer Drivers of Sustainability, *Kim Stackhouse-Lawson, Colorado State University*

9:15 AM Ionophores for Cows and Replacement Heifers, *Travis Mulliniks, Oregon State University*

9:45 AM Vitamin A Needs and Feeding Beef Cows, *Hannah Speer, University of Nebraska-Lincoln*

10:15 AM **BREAK & TRADE SHOW** (Sponsor: MultiMin) – FNBO South Hall

11:00 AM Carrying Capacity Enhancement/Intensified Grazing, *Justin Derner, USDA-ARS* – FNBO North Hall

11:30 AM Benchmarking Herd Performance, *Matt McQuagge, Colorado State University*

12:00 PM **LUNCH & TRADE SHOW** – FNBO South Hall

Afternoon Ramrod, *Steve Paisley, University of Wyoming* – FNBO North Hall

1:30 PM Cattle Market Outlook, *Randy Blach, CattleFax*

2:15 PM Weather Outlook, *Brian Bledsoe, BledsoeWX LLC*

3:00 PM Panel-Breakout Sessions (Round 1) – McKee Building Hall B&C

- The Business of Direct Beef Marketing – Hall C
 - *Moderator: Todd Inglee, Colorado Beef Council*
 - *Julie Mizak, Colorado Department of Ag*
 - *Dr. Dawn Thilmany, Colorado State University*
 - *Joe Wheeling, James Ranch*
 - *Jeff /Kara Smith, Colorado Craft Beef*
 - *Bridget Wasser, Midan Marketing*
- Public Land Grazing: Dealing with the Public – Hall B
 - *Moderator: Erin Karney, Colorado Cattlemen's Association*
 - *Robbie LeValley, LeValley Ranch*
 - *Gordon Toevs, Colorado Bureau of Land Management*
 - *Mark Eisele, National Cattlemen's Beef Association*

4:00 PM **BREAK & TRADE SHOW** (Sponsor: Rocky Mountain Regional Food Business Center) – FNBO South Hall

RBCS XXVIII SCHEDULE

WEDNESDAY, DECEMBER 13, 2023 (CONTINUED)

4:45 PM Panel-Breakout Sessions (Round 2) – McKee Building Hall B&C

- Wolf Reintroduction – Hall C
 - Moderator: Ashley House, Colorado Farm Bureau
 - Ray Aberle, Colorado Parks & Wildlife
 - Lauren Emerick, USDA-APHIS
 - Dr. Frank Garry, Colorado State University
 - Matt Collins, Western Landowners Alliance
 - Philip Anderson, Anderson Ranch
- Using Selection Indices to Simplify Bull Selection – Hall B
 - Dr. Hannah Hollinger, University of Wyoming
 - Ryan Boldt, International Genetic Solution
 - Aaron Rasmussen, Leachman Cattle
 - Kelly Smith, Red Angus Association of America

5:45 PM **ADJOURN**

6:00 PM Steak-Tasting Panel, Jennifer Martin, Colorado State University – McKee Building Hall A
Social Hour/Entertainment, Caitlyn Ochsner (Sponsor: Ochsner Limousin)

7:30 PM Bull Pen Sessions (Nutrition/Management, Grazing/Production and Marketing) –
McKee Building Fort Collins, Loveland and Berthoud Conference Rooms

THURSDAY, DECEMBER 14, 2023

8:00 AM Welcome & Morning Ramrod, John Jaegar, South Dakota State University – FNBO North Hall

8:15 AM Cattle Market Import/Export Balance, Katelyn McCulloch, LMIC

9:00 AM Beef Quality Audit, Keith Belk, Colorado State University

9:45 AM **BREAK & TRADE SHOW** – FNBO South Hall

10:30 AM Herd Health Planning – Protecting Your Cow Herd, Russ Daly, South Dakota State University –
FNBO North Hall

11:00 AM Reproductive Vaccine Effects on Reproduction, George Perry, Texas A&M AgriLife

11:30 AM Managing Reproductive Efficiency – Systems Approach, Shelby Rosasco, University of Wyoming &
Kacie McCarthy, University of Nebraska-Lincoln

12:00 PM **LUNCH & TRADE SHOW** (Sponsor: Leachman Cattle) – FNBO South Hall

RBCS XXVIII SCHEDULE

THURSDAY, DECEMBER 14, 2023 *(CONTINUED)*

1:30 PM Demonstrations – MAC Warm-up Arena

- Managing for Rangeland Health, *Derek Scasta, University of Wyoming*
- High Altitude Disease/PAP Scoring, *Tim Holt, Colorado State University*
- Measuring Emissions on Pasture with Greenfeed Technology, *Pedro Carvalho, Colorado State University*

3:30 PM Bull Pen Sessions (Repro/Management, Grazing/Production Efficiency and Marketing) –
McKee Building Fort Collins, Loveland and Berthoud Conference Rooms

5:00 PM **ADJOURN**

