

# Range Beef Cow Symposium XXVI



Hosted by the Extension Services  
and Animal Science Departments of:

University of Nebraska

South Dakota State University

Colorado State University

University of Wyoming

## RANGE BEEF COW SYMPOSIUM



Range Beef Cow Symposium XXVI

November 18-20, 2019

Mitchell, Nebraska

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Welcome to the Range Beef Cow Symposium! The symposium is hosted by extension and the animal science departments of the University of Nebraska, South Dakota State, Colorado State, and the University of Wyoming. Since 1969 the Range Beef Cow Symposium has been noted for its excellence in education tailored to cow/calf producers, beef industry leaders, and extension personnel. It is held every other year and rotates location among the four cooperating states.

If this is not your first Range Beef Cow Symposium then you will notice some changes. The first change is that the half day prior to the start of RBCS will be dedicated to beef quality assurance certification and a Ron Gill Stockmanship clinic. The other change is that the afternoon sessions will have some interactive demonstrations, along with the time honored programming of the past.

A highlight of every RBCS is the bullpen sessions which allow producers to participate in discussion with the speakers of the day, as well as other producers who have past experiences to share. The bullpen sessions are held at the Gering Civic Center 1050 M Street, Gering NE.

Invaluable to the RBCS are the trade show vendors. These exhibitors allow us to keep registrants' cost to a minimum and allow producers to gather information on the latest products, technology, equipment, and services available to the cattle industry today.

On behalf of the organizing committee, welcome and we hope you find RBCS XXVI to be informative and enjoyable!

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## **Acknowledgements**

The Range Beef Cow Symposium Committee expresses sincere appreciation to all those who helped make this event a success.

### **Many thanks to:**

Douglas Olsen for bringing bulls for the EPD demonstration

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Byron Wilke for bringing panels for containing the bulls

Rick and Judy Keller with The Meat Shoppe

Carrie Johns

The Scotts Bluff County Fairgrounds crew

Dave Ostdiek

Mary Marsh

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# Range Beef Cow Symposium XXVI

## Agenda and Proceedings Contents

**MONDAY, NOVEMBER 18**

**BQA Event**

**Scotts Bluff County Fairgrounds, Mitchell, NE**

- 1:00 pm Registration (\$20)
- 1:30 pm BQA Intro – Libby & Jesse
- Importance
  - NBQA Finding
  - VCPR
  - Record Keeping
  - Feeding and VFD
  - Employee Safety and Training
  - Biosecurity
- 2:00 pm BQA Rotation (30 Minutes Each)
- Trailer Walk Around- New and Possibly Used – Rob
    - Gross Weights and Ratings
    - Tools Onboard
    - Trailer Inspection Safety and Operation
    - Loading Recommendations Bumper Stickers
  - Animal Health Product Handling and Storage (Refrigerator and Coolers) - Steve
    - Chute Side
    - Inject Site Protocol and Management
    - Proper Temperatures and Direct Sunlight (Vaccines & Antimicrobials)
    - Coolers Types (CattleVac, Homemade, Merck, etc)
    - Mixing and Handling Vaccines (Read Label Instruction)
    - Modified Live Product (Use: 1 hr, not carried over)
    - BQA Thermometers
  - Fitness for Transport and Euthanasia - Heidi
    - Compromised Animals Evaluation and Movement
    - Protocol, Proper Location, and Equipment
    - Handling of Euthanized & Disposal
    - Posters
- 4:00 pm Stockmanship Demo (Live Cattle) Processing and Handling
- Contact NCBA - Ron
    - Sorting
    - Rope
    - Processing Alley and Chutes
- 6:00 pm BQA Wrap Up and Certification
- Paperwork & Quiz
  - BQA Assessment

# Range Beef Cow Symposium XXVI

## Agenda and Proceedings Contents

TUESDAY, NOVEMBER 19  
Scotts Bluff County Fairgrounds, Mitchell, NE

### *Morning Ramrod – Dr. Clint Krehbiel, UNL*

8:45 am	WELCOME Karla Wilke, Beef Specialist UNL	
9:00 am	Underutilization Tech Ken Olson, SDSU Beef Specialist .....	12
9:30 am	Implementing Profitable Reproductive Technologies Julie Walker, SDSU Beef Specialist .....	13
10:00 am	AI When does it Pay? John Hall Univ. of Idaho Beef Superintendent .....	23
10:30 am	BREAK	
11:00 am	Benefits of crossbreeding in the commercial herd Benton Glaze Univ. of Idaho Beef Specialist .....	31
11:30 am	Alternative meats and alternative statistics: What do the data say? Alison Van Eenennaam, UC-Davis Animal Genomics Extension Specialist .....	37
12:15 pm	LUNCH	

### *Afternoon Ramrod – Dr. Terry Engle, CSU*

1:30 pm	BREAKOUT SESSION How to take, preserve and ship samples for DNA, BVD, or pregnancy testing Kelly Heath, DVM, UNL Institute of Animal Care and Use .....	50
	Feed samples and reading feed analysis, and mineral tag Janna Block, NDSU, Livestock Specialist .....	52
	Cowpie ology does NUTBAL work Adele Harty, SDSU extension educator Jay Jenkins, UNL extension educator .....	60
	Visit Vendors	
3:00 pm	BREAK	
3:30 pm	Marketing Outlook Jim Robb, LMIC .....	67
4:10 pm	The Future of Your Ranch, the Future of Your Vision Bethany Johnston, Ranch Transition, Grazing Lands Coalition .....	69
4:40 pm	How the RA Brown Ranch kept the ranch in the family Donnell Brown, RA Brown Ranch .....	71
6:30 pm	Dinner and Bull pen sessions at the Gering Civic Center, 1050 M St., Gering NE	

# Range Beef Cow Symposium XXVI

## Agenda and Proceedings Contents

WEDNESDAY, NOVEMBER 20  
Scotts Bluff County Fairgrounds, Mitchell, NE

### *Morning Ramrod – Dr. Steve Paisley, UW*

8:20 am	Trade Update Greg Ibach, Undersecretary of Ag for Marketing and Regulatory Programs, Washington, D.C. ....	73
9:00 am	Cow Lease - Cash Vs. Shares - Determining what is fair Aaron Berger, UNL Beef Educator .....	75
9:30 am	Adding value to our product: Cow/calf, feedlot, and meat industry perspectives Britton Blair, cow/calf producer from SD Paul Dykstra, Certified Angus Beef, NE Gary Darnall, feedlot owner, NE .....	77
10:10 am	BREAK	
10:30 am	Hedging, marketing, risk management, who do you talk to Wacey Kirkpatrick, rancher Hayes, SD .....	84
11:00 am	Utilizing technology to better understand cattle grazing dynamics Mitch Stephenson, UNL range ecologist .....	88
11:30 am	Ways to Dare to be Different Vern Terrell, rancher, NE .....	93
12:00 pm	LUNCH	

### *Afternoon Ramrod – Dr. Ken Olson, SDSU*

1:15 pm	PAP EPD's for Cow/calf producers Scott Speidel, Beef Cattle Breeding and Genetics, CSU .....	95
1:45 pm	Maternal influences on the calf rumen microbiome and subsequent impacts on performance and efficiency Hannah Cunningham-Hollinger, Animal Breeding, UW .....	100
2:15 pm	Colostrum, vaccines, and setting up the newborn for success Brian Vander Ley, UNL Great Plains Veterinary Education Center .....	109
2:45 pm	Demonstration of using dogs to move cattle Juan Reyes, MR Angus, Wheatland WY .....	111
	BREAK OUT SESSIONS	
4:00 pm	ET demo, recipis as a profit center live demo of good recipis Scott Lake, Beef Ext. Specialist UW, Jaclyn Wilson Flying Diamond Genetics, Lakeside, NE .....	113
	Correcting malpresentation at calving Caitlin Wiley, DVM Iowa State University .....	115
	How to do your homework before the bull sale starts, EPDs, goals, and how's he look, Caleb Boardman, UW livestock judging coach .....	123
	Visit vendors	
7:00 pm	Dinner followed by Bull pen sessions Gering Civic Center, 1050 M St., Gering NE	