

Efficiency of Beef Production on Western Pastures and Rangelands

Western Section, American Society of Animal Science
Clark A101, Colorado State University, Fort Collins, Colorado
Wednesday, June 19, 2002

7:00-8:00

Registration

8:00-8:15

Introductions & Welcome

Dr. Jim Oltjen, UC-Davis, Davis, CA, WSASAS President

Dr. Jim Sprinkle, University of AZ, Payson, AZ, Symposium Chair

Characterization of Rangeland and Pasture Resources in the West

8:15-8:55

Rangeland Overview: Challenges to Forage Based Beef Production Systems in the West

Dr. Tim DelCurto, Department of Animal Sciences, Oregon State University

Eastern Oregon Agricultural Research Center, Union Station, OR

8:55-9:45

Technology to Complement Forage Based Beef Production Systems in the West

Dr. Jan Bowman, Department of Animal and Range Sciences, Montana State University, Bozeman, MT

9:45-10:15

BREAK

Energy Efficiency in Forage Based Beef Production Systems

10:15-10:45

History of Energetic Efficiency Research: Where Have We Been and Where are We Going?

Dr. Don Johnson, Department of Animal Sciences, Colorado State University, Fort Collins, CO

10:45-11:25

Genetic Variation in Energy Efficiency: Limits and Opportunities

Dr. Merlyn Nielsen, Department of Animal Science, University of Nebraska-Lincoln, Lincoln, NB

11:25-11:35

Introduction of Sponsors

11:35-1:00

LUNCH (not provided)

1:00-1:45

Residual Feed Intake: Predictive Value and Application Challenges

Dr. Robert Herd, Senior Research Scientist, NSW Agriculture Beef Industry Centre

University of New England, Armidale, New South Wales, Australia

1:45-2:25

Behavioral Adaptations by Grazing Cattle to Enhance Energetic Efficiency

Dr. Ed Fredrickson, Research Scientist, Agricultural Research Service

USDA Jornada Experimental Range, Las Cruces, New Mexico

2:25-3:00

BREAK

Future Opportunities for Forage Based Beef Production

3:00-3:30

Cattle Finishing Programs on Grassland: Costs, Benefits, Efficiency, and Final Product Acceptability

Dr. Randy Weidmeier, Dept. of Animal, Dairy, and Veterinary Science, Utah State University, Logan, UT

3:30-4:00

Opportunities for Production of Natural or Organic Beef

Dr. John Scanga, Extension Meat Specialist

Department of Animal Sciences, Colorado State University, Fort Collins, CO

4:00-4:30

Panel Discussion: Range and Grassland Beef Production Systems: Real Life Experiences

Panel Moderator: Dr. Keith Belk, Department of Animal Sciences, Colorado State University, Fort Collins

Rocky Mountain Beef

Robbie Baird LeValley, Area Livestock Extension Agent, Colorado State University, Delta, CO

Yampa Valley Beef

C. J. Mucklow, Ag Ext. Agent & County Director, Colorado State University, Yampa County

Other Panel Members: Dr. Tim DelCurto, Dr. Jan Bowman, Dr. Randy Weidmeier, Dr. John Scanga

4:30-5:00

Questions to Panel from Audience