



### ARS Mission

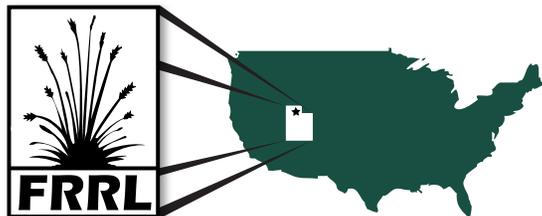
The Agricultural Research Service conducts research to develop and transfer solutions to agricultural problems of high national priority and provides information access and dissemination to:

- ensure high-quality, safe food and other agricultural products
- assess the nutritional needs of Americans
- sustain a competitive agricultural economy
- enhance the natural resource base and the environment, and
- provide economic opportunities for rural citizens, communities, and society as a whole.



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PLANTS FOR THE WEST

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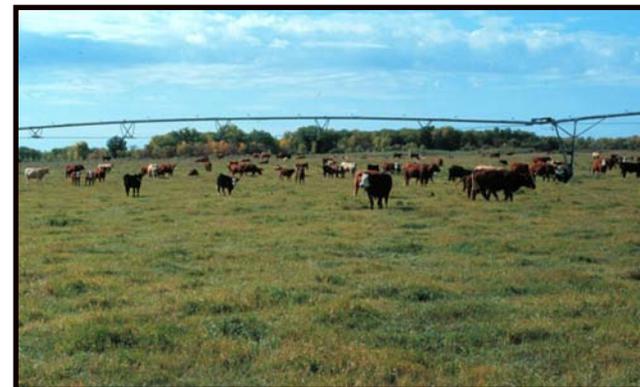
This **RANGE AND PASTURE MANAGEMENT WORKSHOP** is a rare opportunity to learn from and interact with leading USDA/ARS scientists and university personnel from the Intermountain West as they present the latest information on new plant developments for the improvement of pasture and rangelands. Lunch will be provided.

### TOPICS WILL INCLUDE:

- New developments in pasture and range grasses
- Forage kochia for fire prevention, and fall and winter grazing
- Utilizing legumes to enhance pasture and rangeland productivity
- Seeding and establishing pastures and rangelands
- Resources available from the USDA/ARS forage and range laboratory

**For additional information contact:**  
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# Range & Pasture Management Workshop



**February 17, 2010**  
**4-H Building**  
**835 South Railroad**  
**Dillon, Montana**

★ **Lunch Provided - RSVP by Feb. 12**  
**JP Tanner (406) 683-3785**  
**jptanner@montana.edu**



Presented by Montana State University  
Cooperative Extension Service and the USDA/ARS  
Forage and Range Research Lab; Logan, Utah.



# Range & Pasture Management Workshop Agenda

**February 17, 2010**  
**4-H Building**  
**835 South Railroad**  
**Dillon, Montana**

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USDA-ARS FORAGE AND RANGE RESEARCH LABORATORY; LOGAN, UTAH  
MONTANA STATE UNIVERSITY COOPERATIVE EXTENSION SERVICE

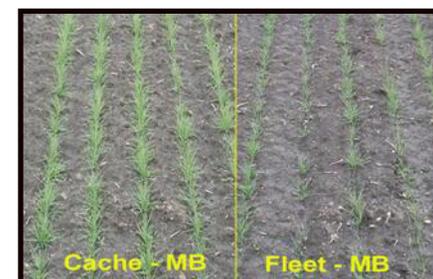
- 9:00 a.m. – Introduction: JP Tanner MSU Cooperative Extension Service
- 9:05 a.m. – “Research and Development Resources Available from USDA/ARS Forage and Range Research Laboratory”, Dr. Jack Staub, Research Leader
- 9:30 a.m. – “New Developments in Rangeland Grasses”, Dr. Kevin Jensen, USDA/ARS Research Geneticist
- 10:15 a.m. – “Maximizing Productivity of Pastures and Rangelands”, Dr. Michael Peel, USDA/ARS Research Geneticist
- 10:45 a.m. – Break, Refreshments and Door Prizes
- 11:00 a.m. – “Economics of Range and Pasture” Duane Griffith MSU Farm Management Specialist
- 11:30 a.m. – “Seedling Establishment, Seeding Methods and Species Compatibility”, Craig Rigby, USDA/ARS Rangeland Scientist
- 12:00 p.m. – Lunch (Provided), and Door Prizes
- 1:15 p.m. – “Range Cattle Nutrition” John Paterson MSU Beef Cattle Specialist
- 1:45 p.m. – “Forage Kochia: Livestock, Wildlife, Reclamation and Wildfire Uses.” Dr. Blair Waldron USDA/ARS Research Geneticist
- 2:15 p.m. – Short Wrap-Up: JP Tanner MSU Cooperative Extension Service



Plant materials like forage kochia enhance environmental and economic sustainability by extending grazing and stopping fires.



Using the right combination of improved pasture species provides sustainability through increased productivity and persistence.



Cultivars with improved seedling vigor such as 'Cache' ensure successful establishment.



Selecting the right plants for use on rangelands will improve range health. Forage kochia and Hycrest crested wheat grass showing suppression of cheatgrass increasing productivity and reducing fire danger.

