



EASTERN COLORADO 2012 RANGE AND DROUGHT CLINIC

Colorado State University Extension, in cooperation with the National Drought Mitigation Center and the Risk Management Agency, is proud to bring you the Eastern Colorado 2012 Range and Drought Clinic.

This clinic will provide information on managing drought risk on the ranch, drought planning, forage and livestock management during drought, financial considerations in drought risk management, as well as an overview of pasture, rangeland, and forage insurance.

We will also provide information on the regional climate outlook, basic ruminant nutrition, what drives forage intake in ruminants, nutrition of eastern Colorado grasses, opportunities in the replacement heifer segment of beef production systems, pointers for grazing in wetland/riparian areas, enterprise budgets, mortality composting, swath grazing, and limited irrigation grass forage production.

The clinic will be held in Burlington, Colorado from 8 am to 5 pm on **Tuesday July 31st** at the Burlington Community and Education Center, 340 S. 14th St., Burlington, Colorado, 80807. The fee for the clinic is \$20 per person, \$25 per couple, or \$5 for a student. Lunch will be provided.

To register for the clinic, see the complete agenda, and see the list of speakers visit us on the web at www.range.colostate.edu or call (719) 346-5571 for more details.



Extension programs are available to all without discrimination. Colorado State University Extension, U.S. Department of Agriculture and Colorado counties cooperating.

You don't want to miss this clinic!

www.range.colostate.edu



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List of Speakers (Page 1 of 4)



Introduction to Managing Drought Risk on the Ranch

Dr. Cody Knutson, National Drought Mitigation Center

The National Drought Mitigation Center has worked with ranchers and advisors throughout the Great Plains to develop "Managing Drought Risk on the Ranch", a drought planning guide. With funding support from the USDA Risk Management Agency, we are able to bring this guide and a discussion of ranch drought planning to ranchers in CO, NE, and KS.



Writing a Drought Plan: Step by Step

Dr. Pat Reece, Prairie & Montane Enterprises

Have you been wondering what a drought plan is or how to make one? Pat's presentation will focus on the benefits of having a drought plan, and walk ranchers through a series of steps that will result in a plan for drought tailored to their own operations.



Forage and Livestock Management Considerations for Drought Risk Management

Dr. Jerry Volesky, UNL West Central Research & Extension Center

Making management decisions during a drought requires a lot of careful consideration. Jerry's presentation will focus on forage and livestock management options during drought, and discuss how producers might make decisions as to the most appropriate strategies for their own operations.

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Financial Considerations in Drought Risk Management

Dr. Matt Stockton, UNL West Central Research & Ext. Center

Did you know that there are tools out there to help you make better decisions during drought? Matt will introduce decision-support tools designed to help ranchers choose appropriate actions during drought. In addition, specific considerations for beginning ranchers and landlords will be addressed.



RMA options: Pasture, Rangeland, and Forage Insurance

Amy Roeder, Risk Management Agency

This presentation is an introduction to Pasture, Rangeland, and Forage Insurance. RMA specialist Amy Roeder will discuss how and when this program might be an appropriate component of a ranch drought plan.



Producer Reality Check Lessons Learned in Drought Planning for Established and Beginning Ranchers

Ted Alexander, Skinner Ranch

Do you already have experience with drought? At this time, ranchers who have developed and implemented their own drought plans will reflect on what they have learned through recent droughts, respond to previous presentations, and address questions and comments.



Regional Climate Outlook

Becky Smith, CSU Drought Specialist

As of early April, 98 percent of the state of Colorado was experiencing some level of drought. Drought Specialist Becky Smith will give us an overview of our current regional climate outlook.

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I. Enterprise Budgets for Yearlings and Cow/Calf on Range II. Mortality Composting

John Deering, CSU Regional Ext. Specialist - Ag Business Mgmt.

In this presentation, John will review practical methods for developing enterprise budgets for yearlings and cow/calf pairs grazing on native rangeland. He will also discuss the most recent information regarding mortality composting.



Basic Feed and Nutrition for Cattle, Sheep, and Goats

Megan Jedlicka, CSU Extension Agent - Livestock

This presentation is a back to basics review of the essential feed and nutritional requirements for ruminants. Megan Jedlicka's discussion will focus on feed and nutrition for cattle, sheep, and goats.



I. What Drives Forage Intake? II. Nutritional Quality of Eastern Colorado Grasses

Michael Fisher, CSU Golden Plains Area Ext. Agent - Livestock

Ever wonder what drives forage intake? In this presentation, Michael Fisher will describe what drives forage intake, as well as his recent research describing nutritional quality of eastern Colorado grasses.



Opportunities in the Replacement Heifer Segment of Beef Production Systems

Dr. Jack Whittier, CSU Cow/Calf Ext. Specialist

If you are looking for more options, this may be the presentation for you. Dr. Jack Whittier will discuss opportunities in the replacement heifer segment of beef production systems.

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Pointers for Grazing in Riparian and Wetland Areas

Mae Smith, UW Extension Rangeland Resources Educator

Grazing along streams, rivers, and in wetland areas is sometimes more challenging than managing grazing on the uplands. In this presentation, Mae Smith will give pointers for grazing those sensitive riparian and wetland areas.



I. Swath Grazing on Western Wheatgrass Pastures II. Limited Irrigation for Cool Season Grass Forages

Dr. Casey Matney, CSU Regional Ext. Specialist - Range Mgmt.

In this presentation, Dr. Casey Matney will discuss his results from recent range and forage research in eastern Colorado. Implications of his research for ranchers and livestock producers in the region will be discussed.

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Date: Tuesday July 31st – 8 am to 5 pm

Location: Community and Education Center, 340 S. 14th St., Burlington, Colorado

Fee: \$20 per person, \$25 per couple, or \$5 for a student.

Lunch will be provided.

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Itinerary

Morning Session (8 am to Noon)

8:00 Introduction to Managing Drought Risk on the Ranch

Dr. Cody Knutson, National Drought Mitigation Center

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8:30 Writing a Drought Plan: Step by Step

Dr. Pat Reece, Prairie & Montane Enterprises

This presentation will focus on the benefits of having a drought plan, and walk ranchers through a series of steps that will result in a plan for drought tailored to their own operations.

9:15 Forage and Livestock Management Considerations for Drought Risk Management

Dr. Jerry Volesky, UNL West Central Research & Extension Center

This presentation will focus on forage and livestock management options during drought, and discuss how producers might make decisions as to the most appropriate strategies for their own operations.

9:45 **Break**

10:00 Financial Considerations in Drought Risk Management

Dr. Matt Stockton, UNL West Central Research & Extension Center

This presentation will introduce decision-support tools designed to help ranchers choose appropriate actions during drought. In addition, specific considerations for beginning ranchers and landlords will be addressed.

10:30 RMA options: Pasture, Rangeland, and Forage Insurance

Amy Roeder, Risk Management Agency

This presentation is an introduction to Pasture, Rangeland, and Forage Insurance. RMA specialist Amy Roeder will discuss how and when this program might be an appropriate component of a ranch drought plan.

11:15 Producer Reality Check Lessons Learned in Drought Planning for Established and Beginning Ranchers

Ted Alexander, Skinner Ranch

At this time, ranchers who have developed and implemented their own drought plans will reflect on what they have learned through recent droughts, respond to previous presentations, and address questions and comments.

Lunch Break (Noon to 1 pm)

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Afternoon Session (1 pm to 5 pm)

1:00 Regional Climate Outlook

Becky Smith, CSU Drought Specialist – Graduate Research Assistant

As of early April, 98 percent of the state of Colorado was experiencing some level of drought. Drought Specialist Becky Smith will give us an overview of our current regional climate outlook.

1:30 Ranch Business Management

I. Enterprise Budgets for Yearlings and Cow/Calf Pairs on Native Range

II. Mortality Composting

John Deering, CSU Regional Ext. Specialist - Ag Business Management

In this presentation, John Deering will review practical methods for developing enterprise budgets for yearlings and cow/calf pairs grazing on native rangeland. He will also discuss the most recent information regarding mortality composting.

2:00 Basic Feed and Nutrition for Cattle, Sheep, and Goats

Megan Jedlicka, CSU Extension Agent - Livestock

This presentation is a back to basics review of the essential feed and nutritional requirements for ruminants. Megan Jedlicka's discussion will focus on feed and nutrition for cattle, sheep, and goats.

2:30 Cattle

I. What Drives Forage Intake?

II. Nutritional Quality of Eastern Colorado Grasses

Michael Fisher, CSU Golden Plains Area Extension Agent - Livestock

Ever wonder what drives forage intake? In this presentation, Michael Fisher will describe what drives forage intake, as well as his recent research describing nutritional quality of eastern Colorado grasses.

3:00 **Break**

3:10 Opportunities in the Replacement Heifer Segment of Beef Production Systems

Dr. Jack Whittier, CSU Cow/Calf Extension Specialist and Associate Professor

If you are looking for more options, this may be the presentation for you. Dr. Jack Whittier will discuss opportunities in the replacement heifer segment of beef production systems.

3:40 Pointers for Grazing in Riparian and Wetland Areas

Mae Smith, UW Extension Rangeland Resources Educator

Grazing along streams, rivers, and in wetland areas is sometimes more challenging than managing grazing on the uplands. In this presentation, Mae Smith will give pointers for grazing those sensitive riparian and wetland areas.

4:10 Eastern Colorado Range and Forage Research

I. Swath Grazing on Western Wheatgrass Pastures

II. Limited Irrigation for Cool Season Grass Forages

Dr. Casey Matney, CSU Regional Extension Specialist - Range Management

In this presentation, Dr. Casey Matney will discuss his results from recent range and forage research in eastern Colorado. Implications of his research for ranchers and livestock producers in the region will be discussed.

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Mail-In Registration Form: Eastern Colorado 2012 Range and Drought Clinic

Registration forms must be post-marked by Tuesday July 24th. Register early!

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Please provide the following information:

Is this registration for a couple or a single person? **Circle one:** Couple Single Student

Name: _____

Company / Ranch: _____

Billing Address: _____

City / State/ Zip: _____

Phone: _____

E-mail: _____

Please attach a check, cashier's check or money order payable to:

KCC Extension Activity Fund

Mail this form and your payment to:

Kit Carson County Extension

251 16th Street

Suite 101

Burlington, CO 80807

If you need assistance completing this form, please contact (719) 346-5571.

If you would rather register for the clinic online and use a credit card, please visit www.range.colostate.edu