

39TH ANNUAL FREMONT COUNTY

FARM & RANCH

DAYS
2023



—... FEBRUARY 8 & 9 ...—

FREMONT COUNTY FAIRGROUNDS
RIVERTON, WYOMING

FREE LUNCH INCLUDED.

CALL (307) 332-2363 OR (307) 857-3654 FOR INFO.

SESSION RECORDINGS WILL BE AVAILABLE AFTER THE EVENT.

SPONSORED BY



Extension



FARM & RANCH DAYS 2023 – WEDNESDAY, FEBRUARY 8

	Program 1 Boardroom	Program 2 Classroom	Program 3 North Room	Program 4 Heritage Hall
9 - 9:45 a.m.	Cattle Rebreeding Success Dagan Montgomery, UW Extension Educator, Sublette County	Fertility and Harvest Management in Alfalfa for Sustainable and Profitable Production Dr. Anowar Islam, UW Extension Forage Specialist	CALCULATING THE COST OF MACHINERY AND CUSTOM RATES John Hewlett, UW Extension Farm/Ranch Specialist	
10 - 10:45 a.m.	Evaluating Forage Quality to Determine Supplementation Needs McKenna Julian, UW Extension Educator, Uinta County	CWD Status in Fremont County Jon Desonier, Riverton Game Warden, Wyoming Game and Fish Department	Winter Range Nutrition for the EWE Brian Sebade, UW Extension Educator, Albany County Dr. Whit Stewart, UW Extension Sheep Specialist	Range Monitoring on Grazing Permits Barton Stam, UW Extension Educator, Hot Springs County
11 - 11:45 a.m.	Managing Bull Fertility and Reproductive Efficiency in the Cow Herd Dr. Shelby Rosasco, UW Extension Beef Specialist	Wyoming WYldlife Fund: Wildlife Migration Research and the Ranchers Role Nate Brown, Operations Manager, Wyoming WYldlife Fund	Pasture Budgets for Irrigated Acres and Managing for Parasites Dr. Whit Stewart, UW Extension Sheep Specialist Brian Sebade, UW Extension Educator, Albany County	Grazing Systems that Promote Soil Health Keith Duren, Agriculture Instructor, Central Wyoming College
12 - 12:45 p.m.	Cyanobacterial Blooms and Concerns for Livestock in Fremont County Kelsee Hurshman, Resource Analyst, Department of Environmental Quality	Hay Marketing Strategies for Fremont County Producers Tom Baer, Owner/ Auctioneer, American Ag Video	Spraying Weeds in Fremont County with Drones Brian Greeves, Assistant Supervisor- Riverton, Fremont County Weed and Pest	
1 p.m.	Lunch provided by Fremont County Cattlewomen (Thank you sponsors!)			
1:30 - 2:45 p.m.	2023 Weather Outlook and Resources for Farmers/Ranchers Keynote Speaker: Lance VandenBoogart, Warning Coordination Meteorologist, National Weather Service			

FARM & RANCH DAYS 2023 – THURSDAY, FEBRUARY 9

	Program 1 Room A	Program 2 Room B	Program 3 Room C	Program 4 Room D
9 - 9:45 a.m.	<p>Private Pesticide Applicator Class</p> <p>Chance Marshall, UW Extension Educator, Fremont County</p> <p>Robert Finley, Fremont County Weed & Pest</p>	<p>Alfalfa Weevil Control Considerations</p> <p>Jeremiah Vardiman, UW Extension Educator, Park County</p>	<p>Making a Plan of Attack for Weed Control in Fremont County</p> <p>Bob Shellard, Assistant Supervisor - Lander, Fremont County Weed and Pest</p>	<p>Resources to Start a Rural Business</p> <p>Cindy Garretson-Weibel, UW Community Navigator Project Coordinator</p>
10 - 10:45 a.m.	<p>Must attend all sessions</p>	<p>Predator Management in Fremont County Update</p> <p>Tracy Frye and Mac Crome, Fremont County Trappers</p>	<p>Wyoming Animal Health Updates</p> <p>Dr. Teckla Webb, Wyoming Assistant State Veterinarian - Field Operations</p>	<p>Planning for Succession and your Ag Legacy</p> <p>John Hewlett, UW Extension Farm/Ranch Specialist</p>
11 - 11:45 a.m.		<p>Wyoming Sheep Industry and Wool Growers Update</p> <p>Dr. Alison Crane, Executive Director, Wyoming Wool Growers Association</p>	<p>Managing Annual Grasses and Leafy Spurge</p> <p>Jaycie Arndt, UW Invasive Grasses Extension Educator</p>	<p>Crop and Livestock Insurance Options for Farmers and Ranchers</p> <p>Jessica Rood and Jessica Shuler, Insurance Officers, Farm Credit Services of America</p>
12 - 12:45 p.m.		<p>Breaking Down a Beef Carcass - Knowing Your Cuts</p> <p>Amanda Winchester, Meat Science/Ag Instructor, Central Wyoming College</p>	<p>Managing Livestock During Extreme Temperatures</p> <p>Micah Most, UW Extension Educator, Johnson County</p>	
1 p.m.		<p>Lunch provided by Fremont County Cattlewomen (Thank you sponsors!)</p>		
1:30 - 2:45 p.m.	<p>Remarks and Current Events Keynote Speaker: U.S.Senator John Barrasso (via video)</p>			

WEDNESDAY SESSIONS

9-9:45 A.M.

CATTLE REBREEDING SUCCESS

Dagan Montgomery, UW Extension Educator, Sublette County

Reproductive success and efficiency are the largest determinants of profitability on a cow-calf operation. Getting females to breed back can be challenging if nutritional needs aren't being met and/or environmental stressors are a factor. Dagan will discuss strategies to maximize rebreeding success.

FERTILITY AND HARVEST MANAGEMENT IN ALFALFA FOR SUSTAINABLE AND PROFITABLE PRODUCTION

Dr. Anwar Islam, University of Wyoming Extension Forage Specialist

Fertility program, such as phosphorus (P) and potassium (K) combination can provide alfalfa with essential nutrients to improve production. However, fertilizing alfalfa with a balance of P and K alone may not warrant their availability for effective plant uptake until other interrelated factors such as levels of exchangeable calcium, magnesium, and harvest time are considered. Dr. Islam will discuss best-practices, variety selection, and resources for alfalfa production in Wyoming.

CALCULATING THE COST OF MACHINERY AND CUSTOM RATES

John Hewlett, UW Extension Farm/Ranch Specialist

The cost of machinery use can be expensive and difficult to understand. Because of this, many ag operators do not own all of the machinery and equipment necessary to perform every farm and ranch operation. Custom-rate information is useful to operators involved in commercial agriculture and related industries. John will provide resources to help guide financial planning and budgeting as well as in negotiating charges for work performed.

10-10:45 A.M.

EVALUATING FORAGE QUALITY TO DETERMINE SUPPLEMENTATION NEEDS

McKenna Julian, UW Extension Educator, Uinta County

A common question we get in Extension offices every winter is which supplement option should I buy for my cows. McKenna will discuss some important winter-feeding considerations that you need to know to keep your cows and heifers productive now and in the future. The supplement you purchase needs to cover your herd's nutrient requirements but also shouldn't be too hard on the checkbook!

CWD STATUS IN FREMONT COUNTY

Jon Desonier, Riverton Game Warden, Wyoming Game and Fish Department

CWD is a lethal disease in deer and is a growing concern in Wyoming. In recent years, an unusually high percentage of deer have tested positive in Fremont County. Jon will explain ongoing efforts to understand why this is happening and what management approaches are being considered to help our deer populations in the future.

WINTER RANGE NUTRITION FOR THE EWE

Brian Sebade, UW Extension Educator, Albany County

Dr. Whit Stewart, University of Wyoming Sheep Specialist

Meeting ewe nutrient requirements during the winter months and different stages of production is important but can be challenging. This presentation will provide important information and resources to keep your ewes productive throughout the year.

RANGE MONITORING ON GRAZING PERMITS

Barton Stam, UW Extension Educator, Hot Springs County

Many livestock producers in Fremont County operate on BLM, Forrest Service, and/or a Reservation grazing permits. Proper use of these allotments is extremely important for profitability and continued productivity. Barton will discuss the importance of being proactive with range monitoring efforts and knowing how to handle difficult management decisions.

11-11:45 A.M.

MANAGING BULL FERTILITY AND REPRODUCTIVE EFFICIENCY IN THE COW HERD

Dr. Shelby Rosasco, University of Wyoming Beef Extension Specialist

Reproductive success and efficiency are the largest determinants of profitability on a cow-calf operation. Dr. Rosasco will discuss technologies and practices available to cattle producers today that can help them maximize the reproductive success of their herd.

WYOMING WYLDLIFE FUND: WILDLIFE MIGRATION RESEARCH AND THE RANCHERS ROLE

Nate Brown, Operations Manager, Wyoming Wyldlife Fund

Serving as the non-profit partner to the Wyoming Game and Fish Department and Commission, The WYldlife Fund specializes in grant agreements to ensure precise and efficient allocation of resources to advance wildlife projects across Wyoming. Nate will discuss some of the ongoing efforts to help wildlife in Wyoming/Fremont County and the vital role that Wyoming farmers and ranchers play in these efforts.

PASTURE BUDGETS FOR IRRIGATED ACRES AND MANAGING FOR PARASITES

Dr. Whit Stewart, University of Wyoming Sheep Specialist and Brian Sebade, UW Extension Educator, Albany County

This presentation will involve tactics to best utilize your irrigated land and also minimize the negative impacts of parasites.

GRAZING SYSTEMS THAT PROMOTE SOIL HEALTH

Keith Duran, Agriculture Instructor, Central Wyoming College

Soil health is an extremely important part of maintaining productivity for grazing animals. Keith will discuss strategies to promote soil health with the presence of livestock.

12-12:45 P.M.

CYANOBACTERIAL BLOOMS AND CONCERNS FOR LIVESTOCK IN FREMONT COUNTY

Kelsee Hurshman, Resource Analyst, Department of Environmental Quality

Harmful cyanobacteria blooms (HCBs), also called harmful algal blooms can produce toxins that are dangerous to livestock and humans that drink or come in contact with affected water sources. Kelsee will provide an overview of HCBs, Wyoming's HCB Program, what to look out for, and waterbodies in Fremont County that have been impacted by HCBs.

HAY MARKETING STRATEGIES FOR FREMONT COUNTY PRODUCERS

Tom Baer, Owner/Auctioneer, American Ag Video

Hay that is produced in Fremont County is some of the best in the world! Our hay is highly sought after, and consumers are willing to pay a premium for our product. Tom will discuss avenues to market hay to a wider audience and maximize the value of Fremont County hay.

SPRAYING WEEDS IN FREMONT COUNTY WITH DRONES

Brian Greeves, Assistant Supervisor- Riverton, Fremont County Weed and Pest

The ability to spray weeds is evolving and improving. Hear how the crew with the Fremont County Weed and Pest are now using drones to spray and control weeds throughout the county.

1 P.M. LUNCH

1:30-2:45 P.M. – LUNCH KEYNOTE SPEAKER

2023 WEATHER OUTLOOK AND RESOURCES FOR FARMERS/RANCHERS

Keynote Speaker: Lance VandenBoogart, Warning Coordination Meteorologist, National Weather Service

Lance grew up in the rural farmland of eastern Wisconsin. After completing his studies in Meteorology, he has moved across the northern tier of the United States over the past 10 years forecasting weather professionally across Montana, South Dakota, and Wyoming. He has a passion for weather and takes joy teaching others how to understand weather phenomena in non-technical terms.

Being a farmer or rancher in Wyoming isn't for the faint of heart. Weather conditions can change quickly and vary greatly. Knowing what to expect can make a huge difference during times of the year like calving, fertilizing, and harvesting hay/crops. Lance will explain some of the notable weather that we have experienced so far this winter, and also provide an outlook for what to expect going forward over the next several months. He will also discuss how farmers and ranchers located away from town can get more accurate and up-to-date information for expected weather conditions at their location.

THURSDAY SESSIONS

9-9:45 A.M.

PRIVATE PESTICIDE CLASS

Chance Marshall, UW Extension Educator Fremont County and Robert Finley, Fremont County Weed & Pest

Must attend all sessions in-person

This class is required to certify individuals who need to obtain or renew their Private Pesticide Applicator License. Note: you must attend the entire class to receive certification

ALFALFA WEEVIL CONTROL CONSIDERATIONS

Jeremiah Vardiman, Park County Extension Educator

Research has identified insecticide resistance in Wyoming and Montana alfalfa weevil populations. What should you be aware of with insecticide resistance and how do you identify it in your fields? Understand the challenges and possible options for controlling weevil.

MAKING A PLAN OF ATTACK FOR WEED CONTROL IN FREMONT COUNTY

Bob Shellard, Assistant Supervisor - Lander, Fremont County Weed and Pest

Fremont County is home to a plethora of invasive weeds. Controlling the spread of these weeds is crucial but where does someone begin? Bob will discuss identifying the weeds, will give you an herbicide recipe to kill them, and will explain cost share opportunities that are available.

RESOURCES TO START A RURAL BUSINESS

Cindy Garretson-Weibel, UW Community Navigator Project Coordinator

Learn about resources available to Wyoming entrepreneurs who want to start a business. This workshop will discuss planning and marketing assistance available, financing opportunities and other resources available for ag entrepreneurs in Wyoming.

10-10:45 A.M.

PRIVATE PESTICIDE CLASS

Chance Marshall, UW Extension Educator Fremont County and Robert Finley, Fremont County Weed & Pest

Must attend all sessions in-person

This class is required to certify individuals who need to obtain or renew their Private Pesticide Applicator License. Note: you must attend the entire class to receive certification

PREDATOR MANAGEMENT IN FREMONT COUNTY UPDATE TRACY FRYE AND MAC CHROME, FREMONT COUNTY TRAPPERS

Fremont County producers deal with all kinds of predators! Come and hear what our county trappers have been up to and the projects that they are working on to protect our herds and flocks in Fremont County. There's guaranteed to be some exciting stories in this session!

WYOMING ANIMAL HEALTH UPDATES

Dr. Teckla Webb, Wyoming Assistant State Veterinarian - Field Operations

Current and emerging livestock disease updates from the Wyoming Livestock Board

PLANNING FOR SUCCESSION AND YOUR AG LEGACY

John Hewlett, UW Extension Farm/Ranch Specialist

The average age of farmers and ranchers in Wyoming is 57.1 years old (NASS, 2021). Having a plan for succession of farms and ranchers is vital for the future of agriculture. John will discuss effective tools to navigate the process successfully and ensure a bright future for Wyoming agriculture.

11-11:45 A.M.

PRIVATE PESTICIDE CLASS

Chance Marshall, UW Extension Educator Fremont County and Robert Finley, Fremont County Weed & Pest

Must attend all sessions in-person

This class is required to certify individuals who need to obtain or renew their Private Pesticide Applicator License. Note: you must attend the entire class to receive certification

WYOMING SHEEP INDUSTRY AND WOOL GROWERS UPDATE

Dr. Alison Crane, Executive Director, Wyoming Wool Growers Association

Meet the new Executive Director of the Wyoming Wool Growers Association, Dr. Alison Crane. She will provide an update about current events in the Wyoming Sheep Industry. Dr. Crane will address emerging issues and important information for Wyoming Sheep producers in 2023.

MANAGING ANNUAL GRASSES AND LEAFY SPURGE

Jaycie Arndt, UW Invasive Grasses Extension Educator

Invasive grasses such as Cheatgrass, Bulbous Bluegrass, Medusahead, and Ventenata are found in Wyoming and can be problematic for the rangeland. Often times, these grasses emerge early in the year and can take over, causing a reduction in the quantity and quality of forage available for livestock. Jaycie will discuss the status of these grasses in Wyoming and also give some suggestions for controlling another invasive plant that is thick in parts of Fremont County, Leafy Spurge!

CROP AND LIVESTOCK INSURANCE OPTIONS FOR FARMERS AND RANCHERS

Jessica Rood and Jessica Shuler, Insurance Officers, Farm Credit Services of America

Farm Credit Services of America has full time agents dedicated to serving all your crop and livestock insurance needs. Join us as we cover current spring crop and pasture, rangeland, and forage insurance options. We will also discuss risk management opportunities for your livestock operation.

12-12:45 P.M.

PRIVATE PESTICIDE CLASS

Chance Marshall, UW Extension Educator Fremont County and Robert Finley, Fremont County Weed & Pest

Must attend all sessions in-person

This class is required to certify individuals who need to obtain or renew their Private Pesticide Applicator License. Note: you must attend the entire class to receive certification

BREAKING DOWN A BEEF CARCASS - KNOWING YOUR CUTS

Amanda Winchester, Meat Science/Ag Instructor, Central Wyoming College

CWC recently acquired a new teaching aid that can be used to explain how a beef carcass is processed. Amanda will use this life-sized beef carcass puzzle to explain where meat cuts come from.

MANAGING LIVESTOCK DURING EXTREME TEMPERATURES

Micah Most, UW Extension Educator, Johnson County

The weather in Wyoming is unpredictable! Extreme weather conditions can have huge impact on livestock health, productivity, and mortality. Micah will discuss some important considerations for managing critters through tough weather scenarios

1 P.M. LUNCH

1:30-2:45 P.M. – LUNCH KEYNOTE SPEAKER

REMARKS AND CURRENT EVENTS

Keynote Speaker: U.S. Senator John Barrasso (via video)

Senator Barrasso is an American physician and politician serving as the senior United States senator from Wyoming, a seat he has held since 2007. A member of the Republican Party, he served in the Wyoming State Senate from 2003 to 2007.

Senator Barrasso will provide the Farm and Ranch Days audience with remarks about current events and issues that are of interest to the Wyoming ag-community.

THANKS TO OUR SPONSORS

307 Financial—Mike Zirbel
American Racing Pigeon Union
Atnip Well & Pump Service
Bailey Enterprises
Big Horn Co-op
Brown and Company
Central Bank & Trust
Classic Air Medical
Copper Mountain Irrigation
Cowboy State Marketing
Central Wyoming College
Double H Feeds
Fabrizius Insurance
Farm Credit Services of America
First Interstate Bank
Franks Butcher Shop
Fremont County Cattleman Association
Fremont County Farm Bureau
Fremont County Master Gardeners
Fremont County Solid Waste
Fremont County Predatory Animal Management
Fremont County Emergency Management
Fremont County Weed & Pest
Home Source Realty
Huelle Ag

Killebrew Irrigation
Lower Wind River Conservation District
Nicholas Custom Leather & Boot Repair
NRCS
Nutralix—Whitlock Feed
Pain Relief of Wyoming
Popo Agie Conservation District
Renewal by Anderson
Rocky Mountain Agronomy
Riverton Tire and Oil
Rocky Mountain Agronomy
Sagewest Healthcare
Stotz Equipment
Tegler & Associates—Lander
Teton Therapy
University of Wyoming Extension
USDA
Wind River Ag—Alan Lebsack
Wind River Honey
Wind River Ranch Supply
Wyoming Community Bank
Wyoming Livestock Board
Wyoming Livestock Roundup
Wyoming Woolgrowers Association



UNIVERSITY
OF WYOMING

College of Agriculture,
Life Sciences and
Natural Resources

Ranching in the West

Ranch Management and Ag Leadership 2023 Seminar Series

5 sessions • 5 locations across Wyoming

January 26: Ranching on Public Lands, 4–7:30 p.m., Riverton

February 16: Managing Human Resources on the Ranch, 4–7:30 p.m., Sheridan

March 2: Technology and Innovation, 4–7:30 p.m., Torrington

March 30: Revenue Diversification, 4–7:30 p.m., Powell

April 20: Leadership Symposium & Luncheon, all day, Laramie

\$25/session or \$100/series (meals included)

includes in-person or online sessions and access to post-event recordings

For information and registration, visit www.uwyo.edu/uwag/rmal.

Questions? (307) 272-5359



scan for more info

The University's policy has been, and will continue to be, one of nondiscrimination, offering equal opportunity to all employees and applicants for employment on the basis of their demonstrated ability and competence without regard to such matters as race, sex, gender, color, religion, national origin, disability, age, veteran status, sexual orientation, genetic information, political belief, or other status protected by state and federal statutes or University Regulations.

Reference to commercial products or trade names is made with the understanding that no discrimination is intended and no endorsement by University of Wyoming is implied.