



MONTANA WEED CONTROL ASSOCIATION

Eastern Spring Weed Manager Training

April 6th – 7th, 2022

Miles City, MT

Location: Town & Country Club

Hotel: Sleep Inn & Suites (406)232-0054

*** There is a block of rooms reserved under the “MT Weed Control” at the government rate of \$96 + tax until Wednesday March 23rd ***

AGENDA

Wednesday April 6th

12:00 PM **Registration**

1:00 PM – 1:15 PM **MWCA Updates**

1:15 PM – 2:15 PM **Livestock Grazing Management to Discourage Weeds**

Dr. Jeff Mosley-Extension Range Management Specialist, Montana State University
406-994-5601 jmosely@montana.edu

Jeffrey C. Mosley is currently professor of range science and Extension range management specialist, Department of Animal and Range Sciences, Montana State University. Jeff's work focuses on grazing management, emphasizing invasive plants and livestock grazing relationships with fish and wildlife. He is a leading authority on using targeted livestock grazing to enhance wildlife habitat and to suppress noxious weeds. His efforts in rangeland monitoring and conflict resolution promote collaborative conservation that integrates ranching, wildlife, recreation, and other uses while respecting the health of the land and the people who rely on the land.

MSU Extension Range Management Specialist Dr. Jeff Mosley will provide practical guidelines to help participants evaluate livestock grazing problems and recommend solutions. He will also cover what healthy range/pasture looks like and what signs to look for of a declining range. He will discuss how when range is on the decline new invaders creep in and what are some solutions to help curb that decline or recover from that deterioration. Dr. Mosley will discuss some easy solutions to work into an existing range/pasture operation to keep it healthy and prevent the invasion of weeds.

2:15 PM – 3:15 PM **Diagnosing Herbicide Symptoms**

Noelle Orloff – Associate Extension Specialist, Schutter Diagnostic Lab, Montana State University
406-994-6297 noelleorloff@montana.edu

Noelle Orloff is an Associate Extension Specialist at Montana State University's Schutter Diagnostic Lab. She assists clients of the lab with weed science related issues including plant identification, weed management recommendations, and herbicide symptom diagnosis. She also develops and delivers information about these topics to stakeholders.

Learning how to recognize herbicide symptoms on plants helps applicators better understand how herbicides work and explains symptoms they may see in the field. In this workshop participants will have the opportunity to diagnose herbicide symptoms on plants. We will discuss the basics of recognizing herbicide symptomology, including relevant plant biology concepts, and typical symptoms associated with commonly used herbicide modes of action.

3:15 PM – 3:30 PM **BREAK**

3:30 PM – 4:00 PM **Corteva Agriscience Updates**

Claire Volk – Sales Specialist, Corteva Agriscience
307-439-9095 claie.volk@corteva.com

Claire was raised in Eastern Nebraska with a passion for livestock and row crop. After receiving her Bachelor of Science Studying Agriculture Economics and entrepreneurship, heritage DOW placed her in TX for bare ground research. She is entering her 7th season in the western US in rangeland, previously working in Colorado, Utah, and Wyoming. She currently manages Montana, Western North Dakota & Wyoming for Corteva Agriscience. Today, she lives in Helena, MT and enjoys everything you can find outside from skiing and hunting.

Claire will be giving us updates on what is new with Corteva, products, and what we can look forward to going into the 2022 season working with them.

4:00 PM – 4:50 PM

Pollinators & Pesticides

Shelly Mills – MSU Extension Agent, Valley County
406-228-6241 smills@montana.edu

Shelley Mills is the Montana State University Agricultural Extension Educator in Valley County. She has an undergraduate degree in Botany and a master's degree in Land Resource and Environmental Sciences, both from Montana State University. She provides outreach and education in crop production, livestock production, horticulture, and youth development. Shelley's areas of expertise include pulse crop production, invasive weed management, pesticide use and misuse, beekeeping and pollinator protection, and pest and plant identification. Shelley became interested in honey bees when numerous requests came into the Extension office for honey bee and pollinator education. Shelley felt that she needed to become a better, more educated resource for her clients, so she purchased her first hive and began the University of Montana Master Beekeeper program in 2018 and completed the master's level in March of 2019. Shelley provides outreach and education on honey bees and pollinators in the northeastern region of Montana and keeps three colonies of bees. She is placing a Beekeeping Learning Laboratory and 23-acre pollinator plot at the Fort Peck Interpretive Center in collaboration with the US Army Corp of Engineers.

Shelley will walk us through how pesticides can affect our pollinators and offer some tips to help protect our bee's when working with pollinators.

4:50 PM – 5:40 PM

Disease Identification Versus Drought

Timm Johannesen – Warne Chemical & Equipment Representative
(605) 342-7644 timmm@warnechemical.com

Timm Johannesen is a sales and technical representative for Warne Chemical & Equipment Company of Rapid City, South Dakota. Timm has been with Warne Chemical and Equipment for over 25 years, with experience in the application of fertilizers and pesticides to trees, shrubs, lawns, weeds, noxious weeds, rights-of-way, and pest control. In his time at Warne Chemical, Timm has acquired knowledge in both the correct and the incorrect operation of many different types of application systems, and other vast knowledge.

Timm will be talking about the differences in diagnosing turfgrass issues with an emphasis on disease vs drought. This presentation will cover other cultural practices that are needed to maintain an aesthetically appearing lawn.

6:00 PM

Supper at the Town & Country Club

Thursday April 7th

8:00 AM – 8:30 AM

Helena Product Updates

Rory Lewis - Sales Representative, Helena Agri-Enterprises LLC
(406) 850-1774 lewisl2@helenaagri.com

Rory was born and raised on a cow/calf ranch north of Reed Point, MT and worked at Farmers Union in Columbus until his high school graduation. He obtained his associates degree from Sheridan College in Ag Business and went on to earn his bachelor's degree at MSU in Bozeman and graduated in the Spring of 2018. Rory started in Helena's warehouse his freshman year of college and has worked up to Area Sales Representative. Rory lives in Laurel, MT with his fiancée Kendra.

Rory will update us on what is new with Helena and what the 2022 outlook is going into our 2022 season.

8:30 AM – 9:15 AM

Managing Invasive Grasses & Broadleaf Weeds in MT

Steve Saunders- Bridger AgVentures, LLC / Consultant for Bayer Crop Science in MT & WY
(406) 580-1027 yeehawmt@gmail.com

Steve is the President of Bridger AgVentures, LLC and is currently working as a consulting sales rep for Bayer Environmental Service providing sales support and stewarding of their IVM and R&P businesses in Montana and Wyoming. He also provides consulting services to other entities conducting rangeland inventory, resource assessment, mediation of groups for operational management and practices, manage and oversee weed control and vegetation management applications and projects, provide natural resource site assessments and utilization/planning documentation. Steve is a retired Rangeland Management Specialist from Dow AgroSciences where he put in 32 years. He has worked with County Weed Districts, state and federal land management agencies, dealers, commercial applicators and ranchers and farmers across Montana, Idaho and Wyoming providing sales support and product stewardship.

Steve will discuss how invasive grasses and weeds alter native rangeland plant communities and deplete ecosystems. Managing invasive plants is an economic decision just like any other investment. We will look at the opportunity cost of money and discuss the best place to invest weed management dollars.

9:15 AM – 10:15 AM

Safety in Agriculture

Dr. Kendra Joyce, OTD, OTR/L – Founder/Owner, Cutting Fences LLC
Founder of Cutting Fences Foundation
Professor, Rocky Mountain College Occupational Therapy
Doctorate Program
(406) 217-1166 cuttingfencesfoundation@gmail.com

My name is Kendra Joyce, if you listen to my podcasts, you may also know me as “Kenny from the big sky state”. I recently graduated from Rocky Mountain College with a Doctor in Occupational Therapy. I grew up in the small town of Geraldine, MT. For as long as I can remember my world has been filled with agriculture and I wouldn't have it any other way. I grew up running around my family's farm and ranch supply stores, Joyce Fuel and Feeds, located in Geraldine, Fort Benton, and Geyser. Lucky for me, I not only grew up around the agricultural business perspective, but also the producer side with my family being both farm and ranch producers. I have always been passionate about helping individuals living with disabilities. However, my passion for the disabled agricultural population grew in the midst of a cold calving season and a connection with one particular individual living the lifestyle and building a ranching legacy from the seat of a power wheelchair. Through this perspective and the lens of the occupational therapy profession, my business has developed into my dream career. The mission of my business is to cultivate connection, support, advocacy, and compassion for all individuals in agriculture who have sustained injuries, accidents, or have disabilities. On the opposite side, I am also very

passionate about the prevention of agricultural injuries. Thank you for what you do for the agricultural industry, I appreciate you!

This presentation will be focused around the prevention of injuries in agriculture and safety. Throughout the presentation we will dive into what the risk factors are for reduced safety in Ag including things like stress, time constraints, body mechanics, and more. Injuries in agriculture are far too common, join me in this journey of decreasing the prevalence and keeping yourself and others around you safe.

10:15 AM – 10:30 AM **Break**

10:30 AM – 11:00 AM **Nutrien Product Updates**

*Clint Saunders – Sales Specialist, Nutrien Ag Solutions
(406) 224-1077 clint.saunders@nutrien.com*

Clint Saunders was born and raised in Montana. Growing up involved in agriculture and a passion for the outdoors, Clint continued on to study Agriculture Business at Montana State University. Currently Clint is a Sales Specialist with Nutrien Ag Solutions, striving to provide Montanan's with the product and knowledge they need to combat invasive weeds in the beautiful state of Montana.

Clint will give us an update on what is new with Nutrien, products, and the market outlook for 2022.

11:00 AM – 12:00 PM **Montana Weed Free Gravel Program**

*Andrew Lam – Noxious Weed Free Materials Coordinator, Montana Department of Agriculture
(406) 444-7819 andrew.lam@mt.gov*

Andrew Lam was born and raised in Colorado before going to the Pacific Northwest to finish college. After completing a BS in Agronomy from Oregon State, Andrew worked in the commercial vegetable seed industry in Washington for eight years. When he's not coordinating Montana's weed-free materials programs he is fishing, hunting, or training bird dogs.

Andrew will cover the current Montana Noxious Weed Seed Free Forages program and cover the details on the new weed free programs including gravel certification!

*****Credits are currently pending**