



2022 MSU PEP Update Agenda

April 7th and 8th

Springhill Suites

1601 Baxter Lane, Bozeman, MT



The MSU Pesticide Education Program (PEP) is coordinating the annual pesticide education program update for Montana pesticide educators. [Please register online by April 1](#) or e-mail [Amy Bowser](#) for more information. There is a \$100 registration fee payable by credit card (online only), PAT funds or by cash/check at the door. Reserve your rooms at the Springhill Suites [online](#) by March 1st.

April 7

- 10:00 – 10:05 am **Welcome**
Dr. Cecil Tharp, MSU Extension Pesticide Education Specialist
- 10:05 – 11:05 am **Pesticide Update (i.e. paraquat, chlorpyrifos, picloram, clopyralid, dicamba) and Impacts of COVID-19 on Agriculture in Montana**
Dr. Cecil Tharp, MSU Extension Pesticide Education Specialist
Paraquat, chlorpyrifos, and dicamba regulatory update, label changes for some growth regulator herbicides and pesticide, mask shortages, and other ramifications from COVID-19.
- 11:05 – 12:05 pm **New Tools for Delivering the Private Applicator Exam & Monitoring Attendance**
Amy Bowser, MSU Extension Pesticide Education Technician
Covers available technologies for delivering the private applicator exam and monitoring attendance.
- 12:05 – 12:45 pm **Catered Lunch**
- 12:45 – 1:45 pm **Drought and Impacts on Pesticides in Montana**
Dr. Tim Seipel, MSU Extension Cropland Weed Specialist
Discusses how drought may impact pesticide efficacy and decision making.
- 1:45 – 2:45 pm **Designing Experimental Test Plots**
Dr. Jane Mangold, MSU Extension Invasive Plant Specialist
Different regions of Montana have different pest problems. In addition, the outcome of pest management actions can differ across regions and sites. This presentation will discuss how to design experimental test plots so that you can test pest control strategies locally and develop integrated pest management recommendations most appropriate for your area.
- 2:45 – 3:00 pm **Break**
- 3:00 – 3:45 pm **Rujuvre TN (indaziflam) for Cheatgrass Management**
Ben Hauptman, MSU Extension Agent - Granite County
A review of using indaziflam for cheatgrass management and why it is different than alternatives.
- 3:45 – 4:45 pm **New Pesticide Education Resources and Kits**
Mat Walter, MSU Extension Agent - Lewis and Clark County
Amy Bowser, MSU Extension Pesticide Education Technician
New resources including mailing lists, publications, & training kits available through the MSU PEP.
- 4:45 pm **Adjourned**

2022 MSU PEP Update Agenda Day 2



April 8

- 8:30 – 8:35 am **Welcome**
Dr. Cecil Tharp, MSU Extension Pesticide Education Specialist
- 8:35 – 9:35 am **Understanding Montana Pesticide Applicator Behaviors when Teaching**
Dr. Cecil Tharp, MSU Extension Pesticide Education Specialist
This presentation will discuss results of a 2022 pesticide applicator survey which assessed behavioral trends when applying pesticides. This will deliver updates on pesticide safety and toxicity, importance of personal protective equipment, importance of drift, and mitigation strategies for safety issues and pesticide drift.
- 9:35 – 10:35 am **The Montana Department of Agriculture Pesticide Team & How They Can Help You**
Rory Ruffner, MDA Pesticide Program Leader
Tari Nyland, MDA Licensing Specialist
Lisa Hixson, MDA Pesticide Education Specialist
Leea Anderson, MDA Private Applicator Licensing Specialist
Shaunie Aklestad, MDA Pesticide Registrations Specialist
Stephen Vantassel, MDA Vertebrate Pest Specialist
How to utilize MDA resources when hosting pesticide programs and licensing private applicators.
- 10:35 – 10:50 am **Break**
- 10:50 – 11:50 am **Managing Grasshoppers and Blister Beetles in Forages**
Dr. Hayes Goosey, MSU Extension Forage Specialist
A review of control measures for grasshoppers and blister beetles in forages.
- 11:50 – 12:00 pm **Surveys and Adjourned**

Afternoon Session: MSU Extension Only

- 12:00 – 1:00 pm **Catered Lunch**
- 1:00 – 1:45 pm **General Extension Policy and Procedural PEP Updates**
Dr. Cecil Tharp, MSU Extension Pesticide Education Specialist
- 1:45 – 2:30 pm **How to Use the PEP Advisory Panel, Regional Comments and Roundtable Discussion**
All Coordinators
- 2:30 – 3:00 pm **PEP Recognitions and Awards**
Dave Brink, MSU Extension Agent - Mineral County
- 3:00 pm **Adjourned**