

2018 MSU PEP Update Agenda

November 14th and 15th

Holiday Inn Express

2305 Catron St., Bozeman, MT



The MSU Pesticide Education Program (PEP) is coordinating the annual pesticide education program update for Montana pesticide educators. [Please register online by November 10](#) or e-mail [Amy Bowser](#). 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 Holiday Inn Express (406-582-4995) with group code: PET by October 23. Applicable the nights of November 13 & 14.

November 14

- 10:00 – 10:05 am **Welcome**
Dr. Cecil Tharp, MSU Pesticide Education Specialist
- 10:05 – 11:05 am **Mandatory Paraquat and Dicamba Trainings**
Dr. Cecil Tharp, MSU Pesticide Education Specialist
History of paraquat and dicamba, mode of action, damage across US, GMO's, and recent regulatory changes to paraquat and dicamba registrations including mandatory trainings. Will cover roles and responsibilities of PAT Coordinators, pesticide educators and pesticide applicators.
- 11:05 – 12:05 pm **The Initial Training Guide, Hosting Initial Pesticide Programs & Prize Kits**
Amy Bowser, Pesticide Education Technician
A new guide for pesticide trainers to assist in hosting Initial Private Applicator Programs, as well as tips and tricks for all events.
- 12:05 – 1:00 pm **Catered Lunch**
- 1:00 – 1:30 pm **Carryover and Mode of Action of Common Herbicides**
Tim Seipel, Crop Weed Extension Specialist
Signs and symptoms of carryover. How common herbicides work, degradation and persistence.
- 1:30 – 2:30 pm **Identifying Herbicide Injury**
Noelle Orloff, MSU Plant Identification Diagnostician
Tim Seipel, Crop Weed Extension Specialist
Recent research and information regarding how to identify herbicide injury in plants.
- 2:30 – 2:45 pm **Break**
- 2:45 – 3:45 pm **Soil Acidification: Causes, Effects on Pesticide Effectiveness and Crops, and Solutions**
Clain Jones, Extension Soil Fertility Specialist
Dr. Jones will discuss the extent of the soil acidity problem in Montana, how low pH affects crop growth and herbicide effectiveness/persistence in soil. He will then discuss prevention, adaptation, and mitigation strategies for low pH areas.
- 3:45 – 4:45 pm **What's with Glyphosate?**
Dr. Cecil Tharp, MSU Pesticide Education Specialist
Dr. Tharp will cover the science behind glyphosate causing cancer, and the newest research on glyphosate causing impacts towards pollinators.
- 4:45 pm **Adjourned**

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Day 2



November 15

- 8:30 – 8:35 am **Welcome**
Dr. Cecil Tharp, MSU Pesticide Education Specialist
- 8:35 – 9:35 am **Audience Polling, Smartphones & Data Analysis using Turning Point**
Todd Pinney, Turning Point District Representative
 New TurningPoint technologies and capabilities to be used for pesticide education including using smartphones, polling and reporting.
- 9:35 – 10:35 am **Identification & Management of Insect Pests of Cattle**
Marni Rolston, MSU Veterinary Entomology Research Associate
 Marni will present results from recent research projects, including horn fly control using ear tag or mineral feed-through products, and the impact of an extended release parasiticide on face fly development. She will also provide information on the biology and control of lice on cattle.
- 10:35 – 10:50 am **Break**
- 10:50 – 11:50 am **Rodents, Pesticides & Recent Poisonings**
Stephen Vantassel, MDA Vertebrate Pest Specialist
 Identification and management of rodents using rodenticides & recent MT poisoning and misuse update.
- 11:50 – 12:00 pm **Surveys and Adjourned**

Afternoon Session: MSU Extension Only

- 12:00 – 1:00 pm **Catered Lunch**
- 1:00 – 1:30 pm **General Extension Policy and Procedural PEP Updates**
Dr. Cecil Tharp, MSU Pesticide Education Specialist
- 1:30 – 2:00 pm **Pesticide Education Training within Tribal Boundaries**
Dr. Cecil Tharp, MSU Pesticide Education Specialist
 What you need to know about the private applicator program within tribal boundaries and your role as a PAT Coordinator. Recent changes to tribal funding situation.
- 2:00 – 2:30 pm **Regional Comments and Roundtable Discussion**
All Coordinators
- 2:30 – 2:45 pm **2018 PEP Recognitions and Awards**
PSEP Advisory Panel Member
- 2:45 pm **Adjourned**

2018 PSEP Update Credits

| Category | Nov 14 Credits | Nov 15 Credits |
|--------------------------------------|-----------------------|-----------------------|
| Dealer (10) | 5 | 1 |
| Agricultural Plant Pest Control (30) | 5 | 1 |
| Right of Way Pest Control (37) | 3 | |
| Demo & Research Pest Control (39) | 5 | 1 |
| Regulatory Weed (55) | 3 | |
| Agricultural Vertebrate Pest (32) | | 1 |
| Rodent (54) | | 1 |