



2018 Pest Management Tour



The 2018 MSU Pest Management Tour is designed as a last chance opportunity for private applicators to obtain recertification credits before the January 1st deadline in PAT District 1 (northwest MT). Three private applicator credits will be offered for either the AM or PM session. A private applicator may also wish to attend both sessions to accumulate 6 credits. Commercial/government applicator credits are listed on the last page.

Day 1, Tuesday October 2nd

Kalispell, MT: Foys Lake Community Center, 100 Foys Canyon Road \$25 fee at door. Includes catered lunch.

Contact and RSVP: Pat McGlynn, Flathead County Extension Agent

Pre-register by September 28th by phone/email: 406-758-5553; pmcglynn@flathead.mt.gov

- 8:40 Introduction (Pat McGlynn, Flathead County Extension Agent)
- 8:45 Invasive Grass Management (Dr. Jane Mangold, MSU Invasive Plant Specialist)
- 9:35 Why Didn't My Pesticide Work? (Cecil Tharp, MSU Pesticide Education Specialist)
- 10:25 Break
- 10:40 Principles and Application of IPM (Dr. Kevin Wanner, MSU Crop Insect Specialist)

- 11:30 Lunch Provided

- 1:00 Effectively Utilizing Biocontrol Agents in Montana (Melissa Maggio, Biocontrol Program Manager)
- 1:50 The Worker Protection Standard: Basic Requirements (Kima Traynham, MDA District 7 Agent)
- 2:40 Break
- 2:55 Management of Columbian Ground Squirrels (Stephen Vantassel, MDA Vertebrate Pest Specialist)
- 3:45 Closing Remarks & Surveys (Pat McGlynn, Flathead County Extension Agent)
- 4:00 Adjourned

Ronan, MT: Community Center \$3 fee at door. Lunch on your own.

Contact and RSVP: Jack Stivers, Lake County Extension Agent

Pre-register by September 28th online at www.pesticides.montana.edu/event.html, or by phone/email: 406-676-4271; jstivers@montana.edu

- 8:40 Introduction and County Update (Jack Stivers, Lake County Extension Agent)
- 8:45 The Worker Protection Standard: Basic Requirements (Kima Traynham, MDA District 7 Agent)
- 9:35 Management of Pocket Gophers (Stephen Vantassel, MDA Vertebrate Pest Specialist)
- 10:25 Break
- 10:40 Effectively Utilizing Biocontrol Agents in Montana (Melissa Maggio, Biocontrol Program Manager)
- 11:30 Lunch on your own

- 1:00 Why Didn't My Pesticide Work (Dr. Cecil Tharp, MSU Pesticide Specialist)
- 1:50 Crop Pest Management (Dr. Kevin Wanner, MSU Crop Insect Specialist)
- 2:40 Break
- 2:55 Invasive Grass Management (Dr. Jane Mangold, MSU Invasive Plant Specialist)
- 3:45 Closing Remarks & Surveys (Jack Stivers, Lake County Extension Agent)
- 4:00 Adjourned

Pest Management Tour – continued

Day 2 - Wednesday October 3rd

Plains, MT: Grange Hall

\$15 fee at door. Includes catered lunch.

Contact and RSVP: Juli Thurston, Sanders County Extension Agent

Pre-register by September 28th online at www.pesticides.montana.edu/event.html, or by phone/email: (406)827-6934, juli.thurston@montana.edu

- 8:55 Introduction and County Update (Juli Thurston, Sanders County Extension Agent)
- 9:00 Pollinator Protection & Best Practices for Pesticide Use (Kima Traynham, MDA District 7 Agent)
- 9:50 Effectively Utilizing Biocontrol Agents in Montana (Melissa Maggio, Biocontrol Program Coordinator)
- 10:40 Break
- 10:55 Management of Columbian Ground Squirrels (Stephen Vantassel, MDA Vertebrate Pest Specialist)

- 11:45 Lunch Provided

- 1:00 Principles & Application of IPM (Dr. Kevin Wanner, MSU Crop Insect Specialist)
- 1:50 Invasive Grass Management (Dr. Jane Mangold, MSU Invasive Plant Specialist)
- 2:40 Break
- 2:55 Why Didn't My Pesticide Work? (Dr. Cecil Tharp, MSU Pesticide Education Specialist)
- 3:45 Closing Remarks & Survey (Juli Thurston, Sanders County Extension Agent)
- 4:00 Adjourned

Superior, MT: Mineral County Extension Office, 301 2nd Avenue East

\$10 fee at door. Lunch on your own.

Contact and RSVP: Dave Brink, Mineral County Extension Agent

Pre-register by September 28th online at www.pesticides.montana.edu/event.html, or by phone/email: (406)822-3545, dbrink@montana.edu

- 8:55 Introduction (Dave Brink, Mineral County Extension Agent)
- 9:00 Invasive Grass Management (Dr. Jane Mangold, MSU Invasive Plant Specialist)
- 9:50 Why Didn't My Pesticide Work? (Dr. Cecil Tharp, MSU Pesticide Education Specialist)
- 10:40 Break
- 10:55 Principles & Application of IPM (Dr. Kevin Wanner, MSU Crop Insect Specialist)

- 11:45 Lunch on your own

- 1:00 Management of Pocket Gophers (Stephen Vantassel, MDA Vertebrate Pest Specialist)
- 1:50 Pollinator Protection & Best Practices for Pesticide Use (Kima Traynham, MDA District 7 Agent)
- 2:40 Break
- 2:55 Effectively Utilizing Biocontrol Agents in Montana (Melissa Maggio, Biocontrol Program Coordinator)
- 3:45 Closing Remarks & Survey (Dave Brink, Mineral County Extension Agent)
- 4:00 Adjourned

Pest Management Tour – continued

Day 3 – Thursday October 4th



Missoula, MT: Ruby's Inn & Conference Center

\$10 fee at door. Includes catered lunch.

Contact and RSVP: Steffany Rogge, Missoula County Weed Education Coordinator

Pre-register by September 28th online at www.pesticides.montana.edu/event.html, or phone/email: 406-258-4211; steffany@missoulaeduplace.org

- 8:55 Introduction (Steffany Rogge, Missoula County Weed Education Coordinator)
- 9:00 Why Didn't My Pesticide Work? (Dr. Cecil Tharp, MSU Pesticide Education Specialist)
- 9:50 Principles & Application of IPM (Dr. Kevin Wanner, MSU Crop Insect Specialist)
- 10:40 Break
- 10:55 Invasive Grass Management (Dr. Jane Mangold, MSU Invasive Plant Specialist)

- 11:45 Lunch Provided

- 1:00 Effectively Utilizing Biocontrol Agents in Montana (Melissa Maggio, Biocontrol Program Coordinator)
- 1:50 Management of Columbian Ground Squirrels (Stephen Vantassel, MDA Vertebrate Pest Specialist)
- 2:40 Break
- 2:55 The Worker Protection Standard: Basic Requirements (Kima Traynham, MDA District 7 Agent)
- 3:55 Closing Remarks & Survey (Steffany Rogge, Missoula County Weed Education Coordinator)
- 4:00 Adjourned

Hamilton, MT: Art Building, Ravalli County Fairgrounds, 100 Old Corvallis Road

Free. Lunch on your own.

Contact and RSVP: Patrick Mangan, Ravalli County Extension Agent

Pre-register by September 28th online at <http://www.pesticides.montana.edu/event.html>, or phone/email: 406-375-6611; patrick.mangan@montana.edu

- 8:55 Introduction and County Update (Patrick Mangan, Ravalli County Extension Agent)
- 9:00 The Worker Protection Standard: Basic Requirements (Kima Traynham, MDA District 7 Agent)
- 9:50 Effectively Utilizing Biocontrol Agents in Montana (Melissa Maggio, Biocontrol Program Coordinator)
- 10:40 Break
- 10:55 Management of Columbian Ground Squirrels (Stephen Vantassel, MDA Vertebrate Pest Specialist)

- 11:45 Lunch on your own

- 1:00 Crop Pest Management (Dr. Kevin Wanner, MSU Crop Insect Specialist)
- 1:50 New Invaders (Dr. Jane Mangold, MSU Invasive Plant Specialist)
- 2:40 Break
- 2:55 Why Didn't My Pesticide Work? (Dr. Cecil Tharp, MSU Pesticide Education Specialist)
- 3:45 Closing Remarks & Survey (Patrick Mangan, Ravalli County Extension Agent)
- 4:00 Adjourned

Presentation Descriptions

Crop Pest Management, Dr. Kevin Wanner, MSU Crop Insect Specialist

Dr. Wanner will discuss management practices for insect pests in crops including chemical and non-chemical options.

Effectively Utilizing Biocontrol Agents in Montana, Melissa Maggio, Biocontrol Program Manager

This presentation will cover how to identify the commonly utilized and effective agents that may be encountered in the field, how to monitor insect populations to determine if they are establishing, thriving, or if their population is on the verge of crashing, and also an update on potential new biocontrol agents for future use.

Invasive Grass Management, Dr. Jane Mangold, MSU Invasive Plant Specialist

Dr. Mangold will discuss control options and management of different invasive grasses causing issues in Montana.

Management of Columbian Ground Squirrels, Stephen Vantassel, MDA Vertebrate Pest Specialist

Stephen Vantassel will discuss the different methods available in Montana to control Columbian Ground Squirrel including chemical and non-chemical methods.

Management of Pocket Gophers, Stephen Vantassel, MDA Vertebrate Pest Specialist

Stephen Vantassel will discuss the different methods available in Montana to control pocket gophers including chemical and non-chemical methods.

New Invaders, Dr. Jane Mangold, MSU Invasive Plant Specialist

Dr. Mangold will discuss new weed species invading Montana including potential issues and pest management.

Pollinator Protection & Best Practices for Pesticide Use, Kima Traynham, MDA District 7 Agent

Kima Traynham will go over how to reduce your impact on pollinators when using pesticides.

Principles and Application of IPM, Dr. Kevin Wanner, MSU Crop Insect Specialist

Dr. Wanner will go over the guidelines of Integrate Pest Management and discuss how to apply these principles when managing pests.

The Worker Protection Standard: Basic Requirements, Kima Traynham, MDA District 7 Agent

Kima Traynham will go over the Worker Protection Standard regulations Montana private applicators must follow.

Why Didn't my Pesticide Work? Dr. Cecil Tharp, Pesticide Education Specialist

Dr. Tharp will go over common issues of why a pesticide application was not effective and how to combat these problems in future applications.

