



2017 Pest Management Tour



The 2017 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 region 5 (south-central MT). Three private credits will be offered for either the AM or PM session. A private applicator may also wish to attend both sessions to accumulate 6 recertification credits. Commercial/government applicator credits will also be offered.

Day 1, Monday October 2nd

Lewistown, MT: Eagles Club

\$10 fee at door; Includes catered lunch

Contact and RSVP: Amy Bowser, MSU Pesticide Education Technician

Pre-register by September 26th online at <http://www.pesticides.montana.edu/pat/education/index.html>,

or phone / email: 406-994-5178; amy.bowser@montana.edu

- 8:30 Introduction (Dr. Cecil Tharp, MSU Pesticide Education Specialist)
- 8:40 Control of Prairie Dogs (Stephen Vantassel, MDA Vertebrate Pest Specialist)
- 9:40 Pesticide Records in Detail (Eric Clanton, MDA District Officer)
- 10:40 Break
- 10:55 Pesticide Drift in Montana (Dr. Cecil Tharp, MSU Pesticide Education Specialist)

- 11:55 Lunch Provided

- 1:00 Pulse Disease ID & Management (Dr. Jessica Rupp, MSU Potato, Sugarbeet and Pulse Pathologist)
- 2:00 Understanding how Herbicides Work (Dr. Fabian Menalled, MSU Cropland Weed Specialist)
- 2:50 Break
- 3:05 Diagnosing Herbicide Injury (Dr. Fabian Menalled, MSU Cropland Weed Specialist)
(Dr. Jane Mangold, MSU Rangeland Weed Specialist)
- 3:55 Closing Remarks
- 4:00 Adjourned

Stanford, MT: Tall Boys Tavern

\$10 fee at door; Lunch Provided

Contact and RSVP: Katie Hatlelid, Judith Basin County Extension Agent

Pre-register by September 26th by phone / email: 406-566-2277 x104; katherine.hatlelid@montana.edu

- 8:40 Introduction and County Update (Katie Hatlelid, MSU Judith Basin County Agent)
- 8:50 Understanding How Pesticides Work (Dr. Fabian Menalled, MSU Crop Weed Specialist)
- 9:40 Diagnosing Herbicide Injury (Dr. Jane Mangold, MSU Rangeland Weed Specialist)
(Dr. Fabian Menalled, Crop Weed Specialist)

- 10:30 Break
- 10:45 Pulse Disease ID and Management (Dr. Jessica Rupp, MSU Potato, Sugarbeet, and Pulse Pathologist)

- 11:45 Lunch Provided

- 1:00 Water Quality and Pesticide Performance (Dr. Cecil Tharp, MSU Pesticide Specialist)
- 2:00 Control of Unprotected Birds (Stephen Vantassel, MDA Vertebrate Pest Specialist)
- 3:00 Pesticide Applicator Records in Detail (Eric Clanton, MDA District Officer)
- 4:00 Closing Remarks (Katie Hatlelid, MSU Judith Basin County Agent)
- 4:05 Adjourned

Pest Management Tour – continued

Day 2 - Tuesday October 3rd



Roundup, MT: Roundup Community Center, 700 3rd St. West

\$15 fee at door; Lunch Provided

Contact and RSVP: Mat Walter, Musselshell-Golden Valley County Extension Agent

Pre-register by September 27th by phone / email: (406)323-2704, m.petersonwalter@montana.edu

- 8:55 Introduction and County Update (Mat Walter, MSU Musselshell/Golden Valley County Agent)
- 9:05 Herbicide Carryover (Dr. Fabian Menalled, MSU Crop Weed Specialist)
- 9:55 Yellow & Desert Alyssum (Dr. Jane Mangold, MSU Rangeland Weed Specialist)
- 10:45 Break
- 11:00 Pulse Disease ID and Management (Dr. Jessica Rupp, MSU Potato, Sugarbeet and Pulse Pathologist)

- 12:00 Lunch Provided

- 1:00 Control of Prairie Dogs (Stephen Vantassel, MDA Vertebrate Pest Specialist)
- 2:00 Pesticide Records in Detail (Eric Clanton, MDA District Officer)
- 3:00 Break
- 3:15 Pesticide Drift in Montana (Dr. Cecil Tharp, MSU Pesticide Education Specialist)
- 4:15 Closing Remarks (Mat Walter, MSU Musselshell/Golden Valley County Agent)
- 4:20 Adjourned

Ryegate, MT: Ryegate Firehall, 107 Kemp St.

\$15 fee at door; Lunch Provided

Contact and RSVP: Mat Walter, Musselshell-Golden Valley County Extension Agent

Pre-register by September 27th by phone / email: (406)323-2704, m.petersonwalter@montana.edu

- 8:40 Introduction (Dr. Cecil Tharp, MSU Pesticide Education Specialist)
- 8:45 Control of Prairie Dogs (Stephen Vantassel, MDA Vertebrate Pest Specialist)
- 9:45 Pesticide Records in Detail (Eric Clanton, MDA District Officer)
- 10:45 Break
- 11:00 Pesticide Drift in Montana (Dr. Cecil Tharp, MSU Pesticide Education Specialist)

- 12:00 Lunch Provided

- 1:00 Herbicide Carryover (Dr. Fabian Menalled, MSU Crop Weed Specialist)
- 1:50 Yellow & Desert Alyssum (Dr. Jane Mangold, MSU Rangeland Weed Specialist)
- 2:40 Break
- 2:55 Pulse Disease ID and Management (Dr. Jessica Rupp, MSU Potato, Sugarbeet and Pulse Pathologist)
- 3:55 Closing Remarks
- 4:00 Adjourned

Pest Management Tour – continued

Day 3 – Wednesday October 4th



Billings, MT: Red Lion Inn, 1223 Mallowney Lane

\$15 fee at door; Includes catered lunch

Contact and RSVP: Amy Bowser, MSU Pesticide Education Technician

Pre-register by September 28th online at <http://www.pesticides.montana.edu/pat/education/index.html>,
or phone / email: 406-994-5178; amy.bowser@montana.edu

- 8:25 Introduction (Dr. Cecil Tharp, MSU Pesticide Education Specialist)
- 8:35 Pesticide Drift in Montana (Dr. Cecil Tharp, MSU Pesticide Education Specialist)
- 9:35 Pesticide Records in Detail (Eric Clanton, MDA District Officer)
- 10:35 Break
- 10:50 Control of Prairie Dogs (Stephen Vantassel, MDA Vertebrate Pest Specialist)

- 11:50 Lunch Provided

- 1:00 Herbicide Carryover (Dr. Fabian Menalled, MSU Crop Weed Specialist)
- 1:50 Yellow & Desert Alyssum (Dr. Jane Mangold, MSU Rangeland Weed Specialist)
- 2:40 Break
- 2:55 Pulse Disease ID and Management (Dr. Jessica Rupp, MSU Potato, Sugarbeet and Pulse Pathologist)
- 3:55 Closing Remarks
- 4:00 Adjourned

Harden, MT: Big Horn County Fairgrounds; 118 Sawyer Loop

\$5 fee at door; Includes catered lunch

Contact and RSVP: Molly Hammond, MSU Bighorn County Extension Agent

Pre-register by September 28th by phone or email: (406)665-9770, molly.hammond@montana.edu

- 8:45 Introduction and County Update (Molly Hammond, MSU Big Horn County Agent)
- 8:55 Sugar-Beet Disease Management (Dr. Jessica Rupp, MSU Potato, Sugarbeet and Pulse Pathologist)
- 9:55 Yellow & Desert Alyssum (Dr. Jane Mangold, MSU Rangeland Weed Specialist)
- 10:45 Break
- 11:00 Herbicide Mode of Action (Dr. Fabian Menalled, MSU Cropland Weed Specialist)
Diagnosing Herbicide Injury (Dr. Jane Mangold, MSU Rangeland Weed Specialist & Dr. Fabian Menalled, MSU Cropland Weed Specialist)

- 11:50 Lunch Provided

- 1:00 FIFRA, MPA and Groundwater Protection (Eric Clanton, MDA District Officer)
- 2:00 Control of Prairies Dogs (Stephen Vantassel, MDA Vertebrate Pest Specialist)
- 3:00 Break
- 3:15 How to Clean Pesticide Sprayers (Dr. Cecil Tharp, MSU Pesticide Education Specialist)
- 4:15 Closing Remarks (Molly Hammond, MSU Big Horn County Agent)
- 4:20 Adjourned



Pest Management Tour – continued

Day 4 – Thursday October 5th



Columbus, MT: **Exact Location Unknown**

Lunch on your own?, ? fee at door

Contact and RSVP: Lee Schmelzer, MSU Stillwater County Extension Agent

Pre-register by September 29th by phone or email: (406)322-8035, lees@montana.edu

Joliet, MT: Joliet Community Center

No fee; Catered lunch provided

Contact and RSVP: Nikki Bailey, MSU Carbon County Extension Agent

Pre-register by September 29th by phone or email: (406)962-3522; carbon@montana.edu

- 8:35 Introduction (Nikki Bailey, MSU Carbon County Extension Agent)
- 8:45 Control of Prairie Dogs and Pocket Gophers (Stephen Vantassel, Vertebrate Pest Specialist)
- 9:45 Pesticide Drift in Montana (Dr. Cecil Tharp, MSU Pesticide Education Specialist)
- 10:45 Break
- 11:00 FIFRA, MPA and Groundwater Protection (Eric Clanton, MDA Vertebrate Pest Specialist)

- 12:00 Lunch Provided

- 1:00 Understanding how Pesticide Work (Dr. Fabian Menalled, MSU Crop Weed Specialist)
- 1:50 Diagnosing Herbicide Injury (Dr. Jane Mangold, MSU Rangeland Weed Specialist)
(Dr. Fabian Menalled, MSU Cropland Weed Specialist)
- 2:40 Break
- 2:55 Sugar-Beet Disease Management (Dr. Jessica Rupp, MSU Potato, Sugarbeet and Pulse Pathologist)
- 3:55 Closing Remarks (Nikki Bailey, MSU Carbon County Extension Agent)
- 4:00 Adjourned

Pest Management Tour – continued

Day 5 – Friday October 6th



Big Timber, MT: Fairgrounds

No fee at door; Catered lunch provided

Contact and RSVP: Marc King, MSU Sweetgrass County Extension Agent

Pre-register by September 30th by phone or email: (406) 580-2556 (Cell), mking@montana.edu

- 8:35 Introduction (Marc King, MSU Sweet Grass County Extension Agent)
- 8:45 How to Clean Pesticide Sprayers (Dr. Cecil Tharp, MSU Pesticide Education Specialist)
- 9:45 Pesticide Applicator Records, in Detail (Eric Clanton, MDA District Officer)
- 10:45 Break
- 11:00 Water Quality & Pesticide Performance (Dr. Cecil Tharp, MSU Pesticide Education Specialist)

- 12:00 Lunch Provided

- 1:00 Control of Richardson's ground squirrel (Stephen Vantassel, MDA District Officer)
- 2:00 Herbicide Carryover (Dr. Fabian Menalled, MSU Cropland Weed Specialist)
- 2:50 Break
- 3:05 Yellow & Desert Alyssum (Dr. Jane Mangold, MSU Rangeland Weed Specialist)
- 3:55 Closing Remarks (Marc King, MSU Sweet Grass County Extension Agent)
- 4:00 Adjourned

Harlowton, MT: Kiwanis Youth Center

\$15 fee at door; Lunch Provided

Pre-register by October 1st

Contact and RSVP: Mandie Reed, MSU Wheatland County Extension Agent

Pre-register by September 30th by phone or email: (406) 632-4728 ext. 308; reed@montana.edu

- 8:55 Introduction and County Update (Mandie Reed, MSU Wheatland County Agent)
- 9:05 Control of Richardson's ground squirrel (Stephen Vantassel, MDA District Officer)
- 10:05 Yellow & Desert Alyssum (Dr. Jane Mangold, MSU Rangeland Weed Specialist)
- 10:55 Break
- 11:10 Herbicide Carryover (Dr. Fabian Menalled, MSU Cropland Weed Specialist)

- 12:00 Lunch Provided

- 1:00 Pesticide Applicator Records, in Detail (Eric Clanton, MDA District Officer)
- 2:00 Pulse Disease ID & Management (Dr. Jessica Rupp, MSU Potato, Sugarbeet, and Pulse Pathologist)
- 3:00 Break
- 3:15 Water Quality and Pesticide Performance (Dr. Cecil Tharp, MSU Pesticide Education Specialist)
- 4:15 Closing Remarks (Mandie Reed, MSU Wheatland County Agent)
- 4:20 Adjourned