



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 District 5 (south-central MT). Private Applicators may attend the full day for six credits or the AM or PM session for three credits. Commercial/government applicator credits will also be offered.

Day 1 - Monday October 2nd

Lewistown, MT: Eagles Club, 124 W Main St

Pre-registration required by September 29th. \$10 fee: pay online or at door. Lunch provided.

Register online at www.pesticides.montana.edu/event.html or contact Amy Bowser, MSU Pesticide Education Technician at (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

Hobson, MT: Tall Boys Tavern, 122 Central Ave

Pre-registration required by September 26th. \$10 Fee at door. Lunch provided.

Contact and RSVP: Katie Hatlelid, Judith Basin County Extension Agent
(406) 566-2277 x 104, katherine.hatlelid@montana.edu

- 8:40 Introduction and County Update (Katie Hatlelid, MSU Judith Basin County Agent)
- 8:50 Understanding How Herbicides 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

Day 2 - Tuesday October 3rd

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

Pre-register by September 27. \$15 fee at door. Lunch provided.

Contact and RSVP: Mat Walter, Musselshell-Golden Valley County Extension Agent
(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 and Managing Weeds after Wildfire (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.

Pre-register by September 27th. \$15 fee at door. Lunch Provided

Contact and RSVP: Mat Walter, Musselshell-Golden Valley County Extension Agent
(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 and Managing Weeds after Wildfire (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

Pre-registration required by September 29th. \$15 fee: pay online or at door. Lunch provided.

Register online at www.pesticides.montana.edu/event.html or contact Amy Bowser, MSU Pesticide Education Technician, (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 and Managing Weeds after Wildfire (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

Hardin, MT: Big Horn County Fairgrounds, 118 Sawyer Loop

Pre-register by September 28th. \$5 fee at door. Lunch provided.

Contact and RSVP: Molly Hammond, MSU Big Horn County Extension Agent
(406) 665-9770, molly.hammond@montana.edu

- 8:45 Introduction and County Update (Molly Hammond, MSU Big Horn County Agent)
- 8:55 Sugarbeet Disease Management (Dr. Jessica Rupp, MSU Potato, Sugarbeet and Pulse Pathologist)
- 9:55 Understanding How Herbicides Work (Dr. Fabian Menalled, MSU Cropland Weed Specialist)
- 10:45 Break
- 11:00 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 Prairie 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: Stillwater County Fairgrounds Pavilion, 328 N 5th Ave

Pre-register by September 29th. No fee. Lunch provided.

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

(406) 322-8035, stillwater@montana.edu

- 8:45 Introduction and County Update (Lee Schmelzer, MSU Big Horn County Agent)
- 8:55 Sugarbeet Disease Management (Dr. Jessica Rupp, MSU Potato, Sugarbeet and Pulse Pathologist)
- 9:55 Understanding how Herbicides Work (Dr. Fabian Menalled, MSU Cropland Weed Specialist)
- 10:45 Break
- 11:00 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 Prairie 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

Joliet, MT: Joliet Community Center, 209 E Front Ave

Pre-register by September 29th. No fee. Lunch provided.

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

(406) 962-3522; carbon@montana.edu

- 8:35 Introduction (Nikki Bailey, MSU Carbon County Extension Agent)
- 8:45 Control of Prairie Dogs (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 Herbicides 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 Sugarbeet 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: Sweet Grass County Fairgrounds, 78 Fairgrounds Road **Pre-register by September 29th. No fee. Lunch provided.**

Contact and RSVP: Marc King, MSU Sweet Grass County Extension Agent
(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 and Managing Weeds after Wildfire (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, 202 3rd NE

Pre-register by September 29th. \$15 fee at door. Lunch provided.

Contact and RSVP: Mandie Reed, MSU Wheatland County Extension Agent
(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 and Managing Weeds after Wildfire (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

Credits Offered	10-Dealer	30 – Ag Plant Pest	32 – Ag Vert Pest	37 – Right of Way	39 - Demo	54 - Rodent	55 – Reg Weed	60 – Private Applicator
Lewistown AM	3	2	1	2	3		2	3
Lewistown PM	3	3		1	3		1	3
Hobson AM	3	3		1	3		1	3
Hobson PM	3	2	1	2	3	1	2	3
Roundup AM	3	3		1	3		1	3
Roundup PM	3	2	1	2	3	1	2	3
Ryegate AM	3	2	1	2	3	1	2	3
Ryegate PM	3	3		1	3		1	3
Billings AM	3	2	1	2	3	1	2	3
Billings PM	3	3		1	3		1	3
Hardin AM	3	3		1	3		1	3
Hardin PM	3	2	1	2	3	1	2	3
Columbus AM	3	3		1	3		1	3
Columbus PM	3	2	1	2	3	1	2	3
Joliet AM	3	2	1	2	3	1	2	3
Joliet PM	3	3		1	3		1	3
Big Timber AM	3	3		3	3		3	3
Big Timber PM	3	2	1	1	3	1	1	3
Harlowton AM	3	2	1	1	3	1	1	3
Harlowton PM	3	3		2	3		2	3