



# 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 2<sup>nd</sup>**

### **Lewistown, MT: Eagles Club, 124 W Main St**

**\$10 fee pay online or at door; Lunch Provided**

Contact and RSVP: Amy Bowser, MSU Pesticide Education Technician

Pre-register by September 29<sup>th</sup> online at [www.pesticides.montana.edu/event.html](http://www.pesticides.montana.edu/event.html) or phone/email: 406-994-5178; [amy.bowser@montana.edu](mailto: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**

**\$10 fee at door; Lunch Provided**

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

Pre-register by September 26<sup>th</sup> by phone/email: 406-566-2277 x104; [katherine.hatlelid@montana.edu](mailto: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 3<sup>rd</sup> St. West**

**\$15 fee at door; Lunch Provided**

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

Pre-register by September 27<sup>th</sup> by phone/email: (406)323-2704, [m.petersonwalter@montana.edu](mailto: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 27<sup>th</sup> by phone/email: (406)323-2704, [m.petersonwalter@montana.edu](mailto: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

## Day 3 – Wednesday October 4th

### **Billings, MT: Red Lion Inn, 1223 Mallowney Lane**

**\$15 fee, pay online or at door; Lunch Provided**

Contact and RSVP: Amy Bowser, MSU Pesticide Education Technician

Pre-register by September 29<sup>th</sup> online at [www.pesticides.montana.edu/event.html](http://www.pesticides.montana.edu/event.html) or phone/email: 406-994-5178; [amy.bowser@montana.edu](mailto: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

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

**\$5 fee at door; Lunch Provided**

Contact and RSVP: Molly Hammond, MSU Big Horn County Extension Agent

Pre-register by September 28<sup>th</sup> by phone/email: (406) 665-9770, [molly.hammond@montana.edu](mailto: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: Exact Location Unknown**

**Fee TBA; Lunch Provided**

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

Pre-register by September 29<sup>th</sup> by phone/email: (406)322-8035, [lees@montana.edu](mailto:lees@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 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

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

**No fee; Lunch Provided**

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

Pre-register by September 29<sup>th</sup> by phone/email: (406)962-3522; [carbon@montana.edu](mailto: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 6<sup>th</sup>*

### **Big Timber, MT: Sweet Grass County Fairgrounds, 78 Fairgrounds Road** **No fee at door; Lunch Provided**

Contact and RSVP: Marc King, MSU Sweet Grass County Extension Agent

Pre-register by September 29<sup>th</sup> by phone/email: (406) 580-2556 (Cell), [mking@montana.edu](mailto: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, 202 3<sup>rd</sup> NE**

**\$15 fee at door; Lunch Provided**

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

Pre-register by September 29<sup>th</sup> by phone/email: (406) 632-4728 ext. 308; [reed@montana.edu](mailto: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