

**Initial Private Applicator Training** for Pesticides  
Wednesday **February 28, 2024, 7:30 am to 5 pm**  
**Teton County Courthouse Annex**, 19 Main Ave S, Choteau, MT 59422  
RSVP requested by Feb 26: call 406-466-2491, text 406-868-4570,  
or email [Jenn.Swanson@montana.edu](mailto:Jenn.Swanson@montana.edu)

- 7:30 o 8:00 am: Registration, coffee and rolls; Roll Sheet #1
- 8:00 to 8:30 am: **Private Applicator License** by Amy Bowser, Pesticide Education Technician, MSU Pesticide Education Program
  - Applicators will distinguish between general use and restricted use pesticides, and learn how to stay certified and what you can and can't do with your license.
- 8:30 to 9:00 am: **Reading the Pesticide Label** by Dan Severson, Agriculture Agent, Pondera County Extension
  - This will cover the importance of reading the label and how to interpret the label, including active versus inert ingredients, signal words, restricted entry interval, site restrictions, rates of application, pesticide storage and disposal, etc.
- 9:00 to 10:00 am: **Pesticide Law** by Jake Degenstein, Pesticide District 3 Field Officer, MT Department of Agriculture
  - Applicators will learn about the Worker Protection Standard (WPS), Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), Montana Pesticides Act, Montana Pollutant Discharge Elimination System, and required record keeping.
- 10:00 to 10:15 am: **Break**
- 10:15 to 11:45 am: **Pesticide Safety and PPE** by Rose Malisani, Agriculture Agent, Cascade County Extension
  - Applicators learn to distinguish between acute and chronic toxicity, to describe the four main routes of exposure, and to use PPE. Additional topics include proper laundering of contaminated clothing and first aid for pesticide exposures.
- 11:45 to 12:30 pm: **Lunch** by La Mia Cucina, courtesy of Teton County Extension
- Abbreviations: MSU = Montana State University; PPE = Personal Protective Equipment, LD50 = dose that is lethal to 50% of a population.

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- 12:30 pm: **Roll Sheet #2**
- 12:30 to 1:30 pm: **Pesticides in the Environment** by Jenn Swanson, Agriculture Agent, Teton County Extension
  - Applicators will learn pesticide properties and how they depend on and react to environmental conditions such as temperature, humidity, and wind. Applicators will describe factors that impact pesticide drift, volatilization, persistence, and degradation in the soil. Applicators describe how to prevent non-target pesticide movement.
- 1:30 to 2:30 pm: **Integrated Pest Management** by Tyler Lane, Agriculture Agent, Chouteau County Extension
  - Applicators will learn about economic thresholds and economic injury levels. Applicator will describe pest monitoring techniques, pest identification, pest control methods (chemical, cultural, biocontrol, transgenic, and mechanical), and management of pest resistance.
- 2:30 to 4:00 pm: **Calibration of Equipment** by Mat Walter, Agriculture Agent, Lewis & Clark County Extension
  - Applicators will... determine the outputs of nozzles and sprayers, read a nozzle specification sheet, understand the effects of speed and pressure, calculate how many acres can you spray with a given volume and how much pesticide product to add to the tank, use calibration formulas to help you keep pesticide records.
- 4:00 to 5:00 pm: **Review, Exam, and License Application** by Jenn Swanson and Amy Bowser
- ***Congratulations!***