

DATE: April 4, 2025  
TO: Interested weed managers  
FROM: Jane Mangold, Extension Invasive Plant Specialist  
Noelle Orloff, Schutter Diagnostic Lab  
RE: Level 1 Noxious Weed Management Workshop

The Level 1 Noxious Weed Management Workshop is a 3-day study of weed biology, ecology, and management. It is designed to benefit those new to weed management and experienced professionals. Please see the attached preliminary agenda.

This workshop is the first in a series of training opportunities for local, state, federal government, and other land managers interested in current advances in noxious weed management. The series (Level 1 and Level 2) will include subsequent workshops over the course of several years, and course complexity will increase with subsequent levels. Pesticide applicator recertification credits will be available.

The Level 1 workshop is limited to 30 participants on a first-come, first-serve basis.

**When:** September 9 - 11, 2025. Please preregister by August 22.

**Where:** C'mon Inn, 6139 E, Valley Center Rd., Bozeman. A block of rooms has been reserved at \$250 + tax per night for single or double occupancy. To secure a room at this price, call 406-587-3555 and refer to group name "MSU Weed Management".

**Cost:** The registration fee (\$225) provides each attendee with course materials, supplies, and daily snacks and lunches.

**For more information:** Contact one of the event coordinators (Jane Mangold; 994-5513; [jane.mangold@montana.edu](mailto:jane.mangold@montana.edu) or Noelle Orloff; 994-6297; [noelleorloff@montana.edu](mailto:noelleorloff@montana.edu) ) or browse the website at: <http://msuinvasiveplants.org/extension/workshops/>



# Level 1 Noxious Weed Management Workshop: Tentative Agenda

September 9 - 11, 2025

C'Mon Inn, 6139 E Valley Center Rd | Bozeman, Montana

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## Day 1: Fundamentals of Plant Biology and Ecology

Tuesday, September 9, 10:00 a.m. to 5:00 p.m.

Topics to be covered:

- Plant Biology 101
- Plant and Weed Ecology 101
- Plant Morphology: Hands-on workshop
- Weed Seed Dispersal and Preventing Weed Spread
- Surveying and inventorying noxious weeds and prioritizing management

## Day 2: Fundamentals of Integrated Weed Management

Wednesday, September 10, 8:15 a.m. to 5:00 p.m.

Topics to be covered:

- Herbicide Classification, Mode of Action, and Resistance
- Plant and Weed Identification: Hands-on workshop
- Targeted Grazing
- Herbicide Formulations and Adjuvants: Hands-on lab exercise
- Biological Control
- Mechanical and Cultural Control
- Revegetation

## Day 3: Social Dimensions of Weed Management

Thursday, September 11, 8:15 a.m. to 12:00 p.m.

Topics to be covered:

- County Noxious Weed Law
- Early Detection and Rapid Response (EDRR), Building Partnerships
- Communicating across Generations

Lunch, snacks, and beverages provided each day.