Initial Private Applicator Training

March 7, 2017 * Kalispell, MT

Flathead County Building, 40 11th Street, Kalispell, MT 59901

8:40 am	**Welcome**	
8:45 am	**Montana Private Pesticide License**	Amy Bowser, MSU Pesticide Education Technician
	Applicators will learn what pesticides are, the difference between general use and restricted use pesticides, the importance of the license number, how to stay certified, pesticide fees, and what you can and can't do with your license.	
9:15 am	**Reading the Pesticide Product Label**	Kima Caddell, MDA District Officer
	This will cover the importance of reading the label and how to understand the label. The presentation will cover active versus inert ingredients, signal words, restricted entry interval, product rates, pesticide storage, disposal information, and importance of crop and site locations.	
9:45 am	**Pesticide Safety**	Dr. Cecil Tharp, MSU Pesticide Education Specialist
	Pesticide safety covers acute and chronic toxicity, the four routes of exposure, pesticide formulations, applicator safety, liquid versus dry formulations, LD50, signal words, and how the human body processes toxic substances. Additional topics include personal protective equipment, laundering clothing, proper storage, and procedures for poisoning.	
10:45 am	**Break**	
11:00 am	**Integrated Pest Management (IPM)**	Dr. Kevin Wanner, MSU Cropland Insect Specialist
	This section includes the definition of IPM and its benefits. Applicators will learn about economic thresholds and economic injury levels. The presentation will also cover monitoring techniques, pest identification, control methods (chemical, cultural, biocontrol, transgenic, and mechanical), and resistance management.	
12:00 pm	**Catered Lunch**	
12:45 pm	**Pertinent Pesticide Laws**	Kima Caddell, MDA District Officer
	This presentation will cover the Worker Protection Standard (WPS), Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), Montana Pesticides Act, Montana Pollutant Discharge Elimination System, and other Montana laws and regulations. Includes information on recordkeeping of pesticide applications.	
1:45 pm	**Pesticides in the Environment**	Amy Bowser, MSU Pesticide Education Technician
	Applicators will learn pesticide properties in regards to environmental contamination and how to mitigate the impacts, including soil and pesticide properties, pesticide movement and drift.	
2:45 pm	**Break**	
3:00 pm	**Calibration of Sprayers**	Dr. Cecil Tharp, MSU Pesticide Education Specialist
	Applicators will determine output of sprayers (GPA) and nozzle output. Other topics will be how to read a nozzle specification sheet, understand the effects of speed and pressure, how many acres can you spray with a given volume, how much pesticide product to add to the tank, how much pesticide solution do you add to the tank, and using calibration formulas to help you keep pesticide records.	
4:00 pm	**Review and Exam**	Pat McGlynn, Flathead County MSU Extension Agent
5:00 pm	**Wrap Up**	

Please register by March 1st as space is limited! There is a $25 fee for this event. You can register and pay at: http://www.pesticides.montana.edu/pat/education/initial-PAT.html

Or fill out the attached registration form.

For more information contact Amy Bowser at (406) 994-5178 or amy.bowser@montana.edu.

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To register online please go to the MSU PEP website.

Registration Form

First Name _____
Last Name _____
Address _____
Phone _____
E-mail _____
Applicator License Number (if applicable) _____

To register, send this form and the registration fee ($25) to the MSU Pesticide Education Program:

Amy Bowser
Pesticide Education Program
Montana State University
PO Box 172900
Bozeman, MT 59717-2900

For additional information contact Amy Bowser at (406) 994-5178 or amy.bowser@montana.edu

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