

Initial Farm Applicator Pesticide Training
January 10, 2017
MSU Northern Agriculture Research Center Meeting Room

- 8:15 Registration
- 8:30 Noxious Weeds and Ground Squirrel Control; Terry Turner, Hill County Weed Coordinator, Montana noxious weeds identification and ground squirrel control.
- 9:30 Your Pesticide License and Label; Ben Hauptman, MSU Blaine County Extension Agent. What are pesticides, what is a restricted use pesticide, How to stay certified, What does your license allow you to do. Information about the Pesticide label combined with a label reading exercise.
- 10:30 Laws and Regulations; Michaela Hystad, Montana Department of Agriculture. Worker Protection Standards and regulations that affect you as a pesticide applicator.
- 11:30 Pesticide Safety; Nicole Gray, MSU Hill County Extension Agent. Toxicity, Routes of Exposure, Pesticide Formulations, Signal words, LD50, Personal and Protective Equipment, and Proper Pesticide Storage.
- 12:30 LUNCH
- 1:00 Pesticides in the Environment; Cecil Tharp, MSU Private Applicator Program Specialist, Pesticide properties, soil binding capabilities, how pesticides behave in the soil, drift, volatilization, how nozzles and pressure contribute to drift, and pesticide degradation.
- 2:00 Integrated Pest Management; Tyler Lane, MSU Chouteau County Extension Agent, includes the different components of integrated pest management, thresholds, identifying and monitoring techniques, and control methods.
- 3:15 Calibration and Applicator Math; Cecil Tharp, MSU Private Applicator Program Specialist. Calibration Strip method, determining nozzle output, How to read a nozzle specification sheet, understanding the effects of speed and pressure, how many acres can you spray with a given volume, how much pesticide do you add to the tank, useful conversions and calibration exercises.
- 4:15 Quiz