

# **OREGON DEPARTMENT OF AGRICULTURE**

## **PESTICIDE**

### **EXAMINATION OUTLINE**

To successfully complete this examination, the applicant will need to be familiar with topics identified in this outline. The outline is not intended to be used as the sole study material and may not be all inclusive of topics covered in the exam. See the ODA website <http://oregon.gov/ODA/PEST> or the “Guide to Pesticide-Related Licensing in Oregon” (available on the web or by calling 503-986-4635) for details on recommended study material.

It is advisable to bring a small, hand-held calculator to the exam session to assist in performing calculations. This exam has 75 questions. A score of 70% is needed to pass the exam. Government issued photo identification (such as a driver’s license) will be required when you check in for testing.

OREGON DEPARTMENT OF AGRICULTURE  
PESTICIDE EXAMINATION OUTLINE  
IIHS MOSS

- 1) Environment
  - a) Groundwater and surface water contamination
    - i) Pesticide transport in the environment
  - b) Pesticide persistence
    - i) Factors influencing persistence
  - c) Drift
- 2) Calculations
  - a) Calculations
    - i) Calculate size of area to be treated
    - ii) Rate of application
    - iii) Mixing percent solutions
- 3) Integrated Pest Management
  - a) Advantages of using an integrated approach
  - b) Chemical vs other control methods
  - c) Scouting and monitoring
- 4) Pest characteristics (lifecycles, identification and control)
  - a) Algae
  - b) Moss
  - c) Lichens
  - d) liverworts
- 5) Safety and handling
  - a) Pesticide transportation, storage and disposal
  - b) Protective clothing and equipment
    - i) General clothing requirements
    - ii) Decontamination and cleanup
  - c) First aid
    - i) Signs and symptoms
    - ii) First aid and the label
    - iii) What to do in an emergency
- 6) Pesticide characteristics
  - a) Zinc flashings
  - b) Copper flashings
  - c) Copper sulfate
  - d) Zinc chloride
  - e) Sodium pentachlorophenate
  - f) Herbicides (with directions for moss control)
- 7) Application or control techniques
  - a) Installing flashing or wire
  - b) Granular products
  - c) Liquid products
- 8) Label comprehension

- a) The label is the law
- b) Parts of the label including:
  - i) Restricted-use vs general-use
  - ii) Precautionary statements
  - iii) First aid
  - iv) Signal words
  - v) Active and other ingredients
  - vi) Directions for use
  - vii) Storage and disposal
  - viii) Be able to answer word problems and calculations based on a sample label.