

# OREGON DEPARTMENT OF AGRICULTURE

## DEMONSTRATION AND RESEARCH

### EXAMINATION OUTLINE

To successfully complete this examination, the applicant will need to be familiar with the 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 "Pesticide Licensing Guide for Oregon" (available online 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 50 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  
DEMONSTRATION AND RESEARCH

1. Federal and State Laws & Regulations
  - a. Agencies responsibilities
    - i. United States Environmental Protection Agency (U.S.E.P.A)
    - ii. Federal Insecticide, Fungicide and Rodenticide Act (FIFRA)
    - iii. Federal Food, Drug and Cosmetic Act (FFDCA)
    - iv. Food Quality and Protection Act (FQPA)
    - v. 40 Code of Federal Regulations (CFR) Section 172.3
    - vi. Oregon Department of Agriculture (ODA)
    - vii. Oregon Revised Statute (ORS) 634
    - viii. Oregon Administrative Rule (OAR) 603
    - ix. Worker Protection Standards (WPS)
    - x. Occupational Safety and Health Act (OSHA)
    - xi. Hazard Communication Standard (HCS)
    - xii. Endangered Species Act (ESA)
  - b. Licensing requirements
  - c. State recordkeeping requirements
    - i. Recordkeeping elements
    - ii. Retention time
  - d. Types of Experimental Use Permits (Experimental Use Permits)
    - i. State Experimental Use Permit
      1. Collective Experimental Use Permit (COR-EUP)
      2. Site Specific Experimental Use Permit (EUP)
    - ii. Federal Experimental Use Permit
  - e. Conditions and responsibilities of Experimental Use Permit holder
    - i. Application process
    - ii. Crop destruct
    - iii. Notification to landowner
    - iv. Land use restrictions
    - v. Treated crops grown for seed
    - vi. Notification to Oregon Department of Agriculture (ODA)
    - vii. Summary report
2. Safety
  - a. Use precautions
  - b. Toxicity
3. Pesticide Characteristics
  - a. Mode of action
  - b. Pesticide-organism and environmental interactions
  - c. Degradation
4. Environmental Considerations
  - a. Drift
  - b. Protecting resources
  - c. Resistance
5. Calibration, calculations and equipment
  - a. Methods and techniques
6. Research and scientific methods
  - a. Plot Design
  - b. Study protocol
  - c. Good Laboratory Practices
  - d. Analytical methods
7. Terminology