

# OREGON

## AGRICULTURE: LIVESTOCK PESTS

### EXAMINATION OUTLINE

To successfully complete this examination, the applicant will need to be familiar with the topics identified in this outline.

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  
AGRICULTURE: LIVESTOCK PESTS

- 1) Methods of pest control
  - a. Cultural
  - b. Biological
  - c. Mechanical
  - d. Physical
  - e. Chemical
- 2) Integrated pest management (IPM)
  - a. Definition
  - b. Methods
  - c. Thresholds
  - d. Evaluation
- 3) Insects and relatives
  - a. Growth and development
  - b. Structure and physiology
  - c. Classification (specific examples)
- 4) Application methods and usage
  - a. Spayers
  - b. Foggers
  - c. Misters
  - d. Dip Vats
  - e. Backrubbers and Bags
  - f. Pour-Ons and Spot-Ons
  - g. Ear Tags
  - h. Feed Aditives
- 5) Livestock insects, and relatives, pests – including identification, biology, damage characteristics and control:
  - a. Dairy/beef cattle pests
  - b. Sheep and goat pests
  - c. Swine pests
  - d. Horse pests
  - e. Poultry pests
- 6) Vetebrate pests and management
  - a. Rodents
  - b. Birds
- 7) Poison symptoms and treatment
- 8) Pesticide resistance
- 9) Pesticide types
- 10) Calibration and calculations
- 11) Pesticide formulations
- 12) Chemical groups
- 13) Insecticide resistance
- 14) Slaughter interval

