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.
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) Vertebrate 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