OREGON DEPARTMENT OF AGRICULTURE

INSECTICIDE / FUNGICIDE

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 100 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: INSECTICIDE/FUNGICIDE

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) Type of insect damage
5) Insecticide modes of action
6) Insecticide classification
   a. Traditional
   b. Microbial
   c. Developmental
7) Insecticide resistance
8) Special insecticide precautions
9) Pollinator protection
10) Plant diseases and pathogens
    a. Fungi
    b. Bacteria
    c. Viruses
    d. Nematodes
11) Disease development
12) Disease signs and symptoms
13) Control methods
    a. Vector control
    b. Fungicides
    c. Bactericides
    d. Nematacides
14) Disease resistance and management
15) Calibration and calculations
16) Application methods
17) Label comprehension