

OREGON DEPARTMENT OF AGRICULTURE

SOIL FUMIGATION II

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 70 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. Pesticide Characteristics
 - a. Dazomet
 - b. Metam sodium
 - c. Metam potassium
 - d. Chloropicrin
 - e. Methyl bromide
 - f. 1,3-Dichloropropene
2. Environment
 - a. Soil Types
 - b. Volatilization
 - c. Fumigant movement within soil
3. Best Management Practices
 - a. Site assessment and weather
 - b. Good agricultural practices (GAPs)
4. Application or Control Techniques
 - a. Factors affecting application performance
 - b. Application methods and equipment
 - c. Tarping
5. Safety
 - a. Respirator use
 - b. Personal protective equipment
 - c. Air monitoring devices
 - d. Emergency preparedness and response
6. Regulatory
 - a. Fumigant management plans
 - b. Post application summaries
 - c. Recordkeeping
 - d. Buffer zones and posting requirements
 - e. Certified applicator-in-charge requirements and tasks
 - f. Fumigant handler requirements and tasks
 - g. Entry-restricted period
7. Label comprehension
 - a. Be able to answer word problems based on the text in a sample label
 - i. Active ingredients
 - ii. Directions for use
 - iii. First aid
 - iv. Storage and disposal
 - v. Miscellaneous label information
8. Calculations and Calibrations
 - a. Know how to calculate the following based on word problems that provide relevant variables
 - i. Application rate
 - ii. Sprayer delivery rate
 - iii. Area of a field
 - iv. Miscellaneous problems