



Review Questions

CHAPTER 11: PESTICIDE APPLICATION PROCEDURES

Write the answers to the following questions, and then check your answers with those in the back of this manual.

- Which type of pesticide application procedure involves the uniform application of a pesticide to an entire area or field?
 - Broadcast application.
 - Band application.
 - Directed-spray application.
 - Basal application.
- Which type of pesticide application would you use to control cockroaches inside of buildings?
 - Broadcast application.
 - Band application.
 - Crack and crevice application.
 - Basal application.
- An enclosed cab always provides enough protection from pesticide exposure to allow applicators to use less PPE than recommended on the label.
 - True.
 - False.
- Which statement about containment pads is true?
 - They should not be used if you mix and load frequently at the same site.
 - Pads make spill cleanup more difficult.
 - Pads should be made of permeable materials.
 - Pads should be used where large quantities of pesticides are handled or mixed.
- Which statement about sprayer nozzles is true?
 - A nozzle that primarily produces fine droplets is usually selected to minimize off-target drift.
 - Coarse-sized droplets supply maximum coverage of the target.
 - Nozzle material should be selected based on the pesticide formulation.
 - Brass tips should be used when applying abrasive materials.
- Which statement about granular applicators is true?
 - They do not require calibration.
 - Ground speed has no effect on the application rate.
 - In a rotary spreader, lighter granules are thrown farther than heavy ones.
 - Drop spreaders are preferred over rotary spreaders when more precise placement of the pesticide is desired.
- Which technique would help to minimize off-target drift?
 - Spray during a temperature inversion.
 - Use the largest droplets practical to provide necessary coverage.
 - Increase the height of the nozzles above the target.
 - Increase pressure and travel speed.
- You are applying a pesticide to a triangular area that has a base of 60 feet and a height of 30 feet. What is the area?
 - 300 square feet.
 - 600 square feet.
 - 900 square feet.
 - 1,200 square feet.

9. You are applying a pesticide to a circular area with a 20-foot diameter. What is the area?
- A. 128 square feet.
 - B. 314 square feet.
 - C. 400 square feet.
 - D. 628 square feet.
10. You have calibrated your equipment to spray 50 gallons per acre. You need to spray 1 acre. The label calls for 3 pounds of formulation per 100 gallons of water. How much formulation should you add to the tank in order to make 50 gallons of finished spray?
- A. 1.5 pounds.
 - B. 2 pounds.
 - C. 2.5 pounds.
 - D. 3 pounds.