



## Review Questions

### CHAPTER 1: PEST MANAGEMENT

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

- Using barriers to prevent pests from getting into an area is an example of which type of pest management method?
  - Biological control.
  - Mechanical control.
  - Genetic control.
  - Chemical control.
- Lowering the humidity of stored grains and other food products to reduce damage from mold is an example of which type of pest management method?
  - Biological.
  - Mechanical.
  - Physical/environmental modification.
  - Regulatory pest control.
- Which statement is *true* about biological control methods?
  - If pesticides are part of a biological control program to control an exotic pest, it is better to apply them at the strongest label rate and to choose the more toxic pesticides.
  - Modifying the environment to enhance natural enemies is a recommended practice in biological control.
  - Biological control involves the importation of exotic pests to control natural enemies.
  - Using several cultural practices and a wide variety of pesticides works best in biological control.
- Sealing cracks and crevices and small openings in buildings is an example of which type of mechanical control method?
  - Exclusion.
  - Trapping.
  - Cultivation.
  - Mulching.
- Which statement is *true* about cultural control practices?
  - Cultural practices alter the environment, the condition of the host, or the behavior of the pest to prevent or suppress an infestation.
  - Trapping is an important cultural control practice.
  - Sanitation is not considered a cultural practice.
  - Cultural controls involve the release of parasites and predators found in foreign countries.
- Which statement is *true* about regulatory pest control?
  - Pests that pose a serious public health threat are rarely regulated by federal and state agencies.
  - Pests that are to be eradicated are rarely under quarantine restrictions.
  - Airports and ocean ports are monitored by pest quarantine regulatory agencies.
  - Entry of pests across state lines is not regulated.
- Which statement is *true* about pest management strategies in IPM?
  - The goal is often to maintain pest damage at economically acceptable levels.
  - Eradication is never the goal of an IPM program.
  - Pesticides are not included in an IPM strategy.
  - Non-chemical methods usually provide only short-term control of a pest.

8. Which would be considered a preventive pest management strategy?
- A. Planting weed- and disease-free seed.
  - B. Releasing natural enemies to help reduce pest populations.
  - C. Eliminating rodents from a commercial food establishment.
  - D. Removing from an area a pest that is a public health concern.
9. Which statement is *true* about action thresholds?
- A. The IPM technician needs to implement control measures below the action threshold level.
  - B. The action threshold for a pest may be set at a zero pest population density.
  - C. Action thresholds are usually easy to establish.
  - D. In an urban landscape, action thresholds are usually more related to economics than aesthetics.
10. Which would increase the likelihood of pesticide resistance?
- A. An insect has only one generation per year.
  - B. Continual use of the same pesticides or pesticides from the same chemical class.
  - C. Limiting the number of pesticide applications.
  - D. Applying a pesticide that has little or no residual effect.