

Unit: Entomology

Name _____

Lesson 7: Integrated Pest Management

Date _____

Evaluation

Directions: Circle the letter that corresponds to the best answer.

1. What is an IPM program?

- a. A program used to control insects instead of using chemicals.
- b. A program used after insect damage has reduced crop yields.
- c. An effective system used instead of an insect control program.
- d. An efficient system used in developing an insect control program.

Correct answer is d.

2. What term describes the amount of damage insects do to a crop that equals the cost it requires to use measures that suppress the insects?

- a. Damage assessment
- b. Economic injury level
- c. Economic threshold
- d. Cost/benefit analysis

Correct answer is b.

3. How is the economic threshold determined?

- a. By researching public records
- b. By careful sampling on a regular basis
- c. By calling a local extension office
- d. By monitoring costs and expenses

Correct answer is b.

4. Which of the following steps is not a component of an IPM plan?

- a. Identify the problem.
- b. Prepare a cost/benefit analysis.
- c. Get yield estimates from the local extension office.
- d. Select a management strategy.

Correct answer is c.

5. What does “implementing a management strategy” mean?

- a. Actually putting a plan into action and seeing it through to completion.
- b. The actual process of field cultivation.
- c. Securing a loan from the bank for a plan.
- d. Identifying the exact insects which can cause damage.

Correct answer is a.

6. Why is it essential to keep careful records of an IPM plan?

- a. Records are necessary when reporting costs for tax purposes.
- b. Records are necessary when reporting insecticide use to the EPA.
- c. Keeping careful records is not really essential.
- d. Records indicate how well a selected plan is working and how efficient and effective the measures are.

Correct answer is d.

7. Why is a crop calendar used?

- a. It provides a systematic and efficient way of looking at the components in a cropping system.
- b. It provides a systematic and efficient way of selecting an insecticide.
- c. Provided by agricultural supply dealers, it indicates when agricultural practices should be done.
- d. It indicates what crops should be planted to reduce insect attack.

Correct answer is a.

8. How is the information in a crop calendar used?

- a. To select the proper insecticide
- b. To select an appropriate crop to plant
- c. To evaluate a potential problem and make a decision
- d. To determine how effective a crop rotation was

Correct answer is c.

9. How are the “right” control methods selected?

- a. Methods are selected following recommendation calendars provided by local supply dealers.
- b. Correct control methods will fall below the cost-benefit analysis.
- c. There is no “right” or “wrong” choice in selecting control methods.
- d. Any control measure exceeding the economic threshold is considered wrong.

Correct answer is c.