

Name: _____

Certification Number: _____

Date: _____

RECERTIFICATION EDUCATION UNIT QUIZ

5/1/2025

Approved for categories [All except Pvt 2, 3 & Com 7A-F, 11]

“Plant Diseases and Abiotic Disorders”

1. What is the difference between a sign and a symptom?

2. What are the four main causes of plant diseases?

- a. _____
- b. _____
- c. _____
- d. _____

3. The disease triangle describes the necessary elements for the development of a plant disease. They are...

- a. _____
- b. _____
- c. _____

4. Describe two ways that plant pathogens spread.



5. True or false: Plant diseases can only be diagnosed with the help of a laboratory analysis.
- a. True
 - b. False
6. Which of the following is NOT an important sanitation practice to limit the spread of plant diseases?
- a. Cleaning and disinfecting tools and work wear
 - b. Disposing of diseased plant parts
 - c. Removing leaf litter and other organic matter
 - d. Spraying cut stems with a disinfectant after pruning
7. Explain how irrigation can both contribute to and limit the spread of plant pathogens.
8. Where should pruning cuts be made when removing a diseased portion of a plant?
9. Which plant pathogen can be effectively controlled by pesticides?
- a. Viruses
 - b. Bacteria
 - c. Fungi
 - d. None of the above



10. Match the descriptions of the following plant diseases...

- a. Warm, dry weather. Spores appear on both sides of leaf
- b. Cool, wet weather. Spores mostly on underside leaves after rain or heavy fog
- c. Species specific. Yellow/orange spores appearing on both sides of the leaf

___ Powdery Mildew

___ Downy Mildew

___ Rust

11. Symptoms of root and crown rot can be easily confused for...

- a. Nutrient deficiency
- b. Light deficiency
- c. Water deficiency
- d. Pesticide damage

12. True or false: Most lawn diseases have unique symptoms. They can be easily identified based on the symptoms alone.

- a. True
- b. False

13. True or false: Viral diseases in plants CANNOT be cured. They can only be managed by using resistant plant stock and environmental controls.

- a. True
- b. False

14. Most common abiotic disorders are caused by issues with...

- a. Wind
- b. Pesticides
- c. Soil
- d. Insects



15. For the following examples: which are most likely caused by disease, and which are most likely caused by an abiotic disorder? (circle one)

- a. Slow developing symptoms with an uneven distribution on the plant.

Disease Disorder

- b. Fast developing symptoms across several unrelated plants.

Disease Disorder

- c. Symptoms only on one specific type of plant.

Disease Disorder

- d. Symptoms on one plant which is surrounded by healthy plants.

Disease Disorder

I attest that I am the individual completing this quiz for course number 4923 and understand that should it be proven false, the continuing education credits approved for this course will be denied and I may be subject to penalties for making false or fraudulent representations.

Signature of Applicant

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Score:

Environmental Health Specialist Initials:

