

Lecture 1 Study Guide (video: 1 hour, 4 minutes)

Study Questions

1. Who is the author of the most widely used textbook in the world?
2. What are the four main groups of plant pathogens and of these, which causes the most diseases?
3. In what publication are all the known fungal, bacterial, and viral plant pathogens of Florida listed?
4. What sort of information is contained in the APS Compendia?
5. What is the distinction between "spot" and "blight" symptoms?
6. What types of symptoms are associated with necrosis?
7. What are the components of the "disease triangle"?
8. What is the difference between "disease" and "injury"?
9. What is the difference between "disease" and "pathogen"?
10. What distinguishes "abiotic" from "biotic" disease?

Key Words

Agrios, G. N.

Abiotic disease

American Phytopathological Society (APS)

APS Compendia (diseases of specific crops)

Bacteria

Biotic disease

Blight symptoms

Disease (a process)

Disease triangle (pathogen, host, environment)

Distortion symptoms

Florida Index of Plant Diseases

Fungi

Gall symptoms

Injury

Mosaic symptoms

Mottle symptoms

Necrosis symptoms

Nematodes

Pathogen

Rot symptoms (fruit, root)

Spot symptoms

Viruses

Wilt symptoms

