

Name _____

Defending Your Garden: Protecting Biennial Plants from Pests and Diseases

Open-Ended Response Questions

1. Describe the importance of regular monitoring for the early detection and management of pests and diseases in biennial plants, including how early intervention can help minimize damage and reduce the need for chemical pesticides.
2. Discuss the role of cultural practices such as crop rotation and weed management in minimizing pest and disease pressure in biennial plants, including how these practices promote plant health and reduce the risk of infestations and infections.
3. Explain how natural predators such as ladybugs and lacewings, and biological controls such as beneficial nematodes or microbial insecticides, can be used to manage pests in biennial plants, including their effectiveness in targeting specific pests and minimizing environmental impact.
4. Describe the potential consequences of relying solely on chemical pesticides for pest control in biennial plants, including the risks to beneficial insects, soil health, and environmental sustainability, and why integrated pest management approaches are preferred.

