

Name _____

Navigating Challenges: Common Problems in Growing Biennial Plants

Open-Ended Response Questions

1. Discuss the potential causes of slow or uneven germination in biennial plants, including how factors like temperature, moisture, and seed dormancy can influence seedling emergence. Provide examples of biennial plants that may exhibit slow germination and explain how gardeners can address this issue to promote successful seedling establishment.
2. Explain what bolting is and how it can affect the growth and development of biennial plants. Describe the environmental factors that can trigger bolting in biennials and discuss strategies that gardeners can use to prevent or minimize premature flowering in their garden.
3. Describe one symptom of root rot in biennial plants, including how it affects plant health and growth. Discuss the environmental conditions that can contribute to root rot development and explain preventive measures that gardeners can take to protect biennial plants from this common problem.
4. Define winter injury and explain how it can impact biennial plants over the winter months. Discuss the signs of winter injury in biennials and identify strategies that gardeners can use to protect their plants from cold damage and ensure their survival through the winter season.

