

Name _____

Green Chemistry: Plant's Nitrogen-Nurturing Magic

Open-Ended Response Questions

1. Discuss the importance of nitrogen-fixing plants in sustainable agriculture and ecosystem restoration efforts.
2. Explore the consequences of excessive nitrogen runoff from agricultural fields into freshwater ecosystems and propose strategies to mitigate this environmental issue.
3. Reflect on the role of plants in reducing atmospheric nitrogen pollution through processes like nitrogen fixation and denitrification.
4. Consider the challenges and benefits of incorporating nitrogen-fixing cover crops into conventional farming practices.

