

Name _____

Green Chemistry: Plant's Nitrogen-Nurturing Magic

Multiple Choice Questions

1. How do plants primarily acquire nitrogen?
 - a) From the air
 - b) From water
 - c) From sunlight
 - d) From the soil

2. What is the role of nitrogen in plants?
 - a) To provide energy for photosynthesis
 - b) To build cell walls
 - c) To synthesize amino acids and proteins
 - d) To regulate temperature

3. How do plants contribute to nitrogen recycling in ecosystems?
 - a) By absorbing nitrogen from the air
 - b) By releasing nitrogen-containing gases
 - c) By shedding organic matter that decomposes
 - d) By fixing nitrogen in their roots

4. Which type of plants form symbiotic relationships with nitrogen-fixing bacteria?
 - a) Coniferous trees
 - b) Leguminous plants
 - c) Carnivorous plants
 - d) Desert plants

5. How can excess nitrogen be lost from ecosystems?
 - a) Through leaching and runoff
 - b) Through photosynthesis
 - c) Through root uptake
 - d) Through nitrogen fixation

