

Name _____

Nitrogen Fixation: Nature's Nitrogen Miracle

Short Answer

1. Describe the main enzyme involved in nitrogen fixation and its role.
2. How do symbiotic nitrogen-fixing bacteria benefit from their relationship with plants?
3. What is the primary form of nitrogen produced by abiotic nitrogen fixation?
4. Explain how lightning contributes to abiotic nitrogen fixation.
5. What is the importance of nitrogen fixation in agriculture and ecosystems?

