

# NITRIFICATION

*Meaning: Nitrification is the biological process in which ammonia is converted into nitrites and then into nitrates, playing a vital role in the nitrogen cycle.*

1. Nitrification is a crucial process in the nitrogen cycle that converts ammonia into nitrates.
2. The efficiency of nitrification can be influenced by factors such as temperature and pH levels in the soil.
3. Farmers often monitor nitrification rates to optimize fertilizer use and minimize environmental impact.
4. Understanding nitrification helps scientists develop better strategies for managing soil health and crop productivity.
5. In aquatic ecosystems, nitrification plays a key role in maintaining water quality and supporting aquatic life.

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