

## Quiz: Human Impacts on the Nitrogen Cycle

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1. Nitrogen fertilizer is often added to soil to increase the growth of crops. Which of these nearby ecosystems would most likely be harmed by the use of nitrogen fertilizer?

- A. Forest
- B. Pond
- C. Park
- D. Meadow

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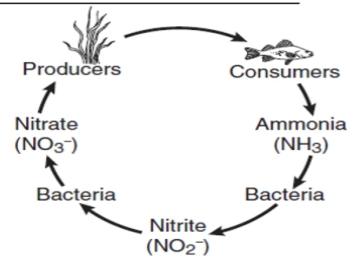
2. Nitrogen waste washing into a pond would most likely cause an increase in \_\_\_\_.

- A fish reproduction
- B flooding
- C water plant growth
- D evaporation

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3. The diagram to the right shows a simplified nitrogen cycle in a freshwater aquarium. What would probably happen if additional fish were added to the aquarium?

- A Nitrite levels would decrease.
- B Nitrate levels would increase.
- C Bacterial populations would decrease.
- D Fish size would increase.



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4. Heavy rains in an aquifer's recharge zone cause rivers and streams to flood. How will this most likely affect the aquifer?