

explosions, etc

c. Industrial (fertilizers) - takes a lot of heat and pressure

2. Nitrification- conversion of ammonium to nitrate (NO_3^-)

Performed by several species of nitrifying bacteria that live in the soil



3. Assimilation- the intake of either ammonium or nitrate by plants and its conversion to protein and other N-containing compounds

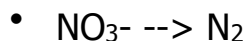
When animals eat plants and convert plant proteins to animal proteins, they are also assimilating

4. Ammonification- the conversion of organic nitrogen (in animal wastes and in dead organic matter) to ammonium (NH_4^+)

Performed by ammonifying bacteria in the soil

5. Denitrification- the conversion of nitrate to nitrogen gas

Performed by denitrifying bacteria



D. Additional cycles included the oxygen cycle and the phosphorous cycle, we will look at these another day.

Preview from Notesale.co.uk
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