

# Nitrogen's Rap Sheet

How nitrogen (N) fosters environmental trouble

Conversion of Nitrogen (N) from an inert form to a reactive form (available for life)

**LEGEND**

- Methods
- - - → Immediate impact
- ..... → Eventual impact
- Light Blue Negative impact
- Green Positive impact

**AIR**

**Impacts Global Warming**  
Warming equivalent to 10% of CO2 contribution thus promotes heating effect

- ② Nitrous Oxide N<sub>2</sub>O
- ③ Ground level ozone O<sub>3</sub>
- ③ Pollen

① Increased food for infective agents like mosquitos & snails

**Compete for nutrients**  
Plants lose out to new species

**LAND**

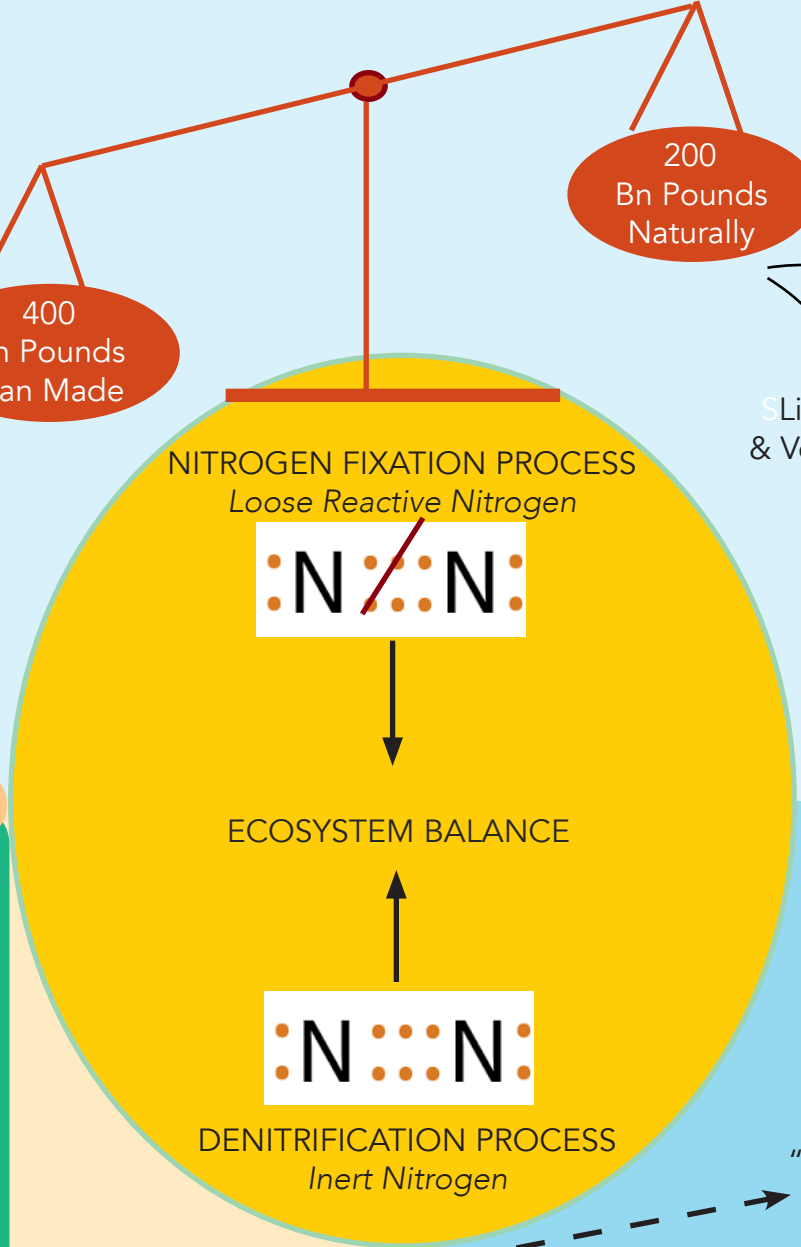
Burning of fossil fuels  
Cultivation of leguminous crops

Fertilizer use of food crops

**Lawns & Cornfields**  
Plants grow more

400 Bn Pounds Man Made

200 Bn Pounds Naturally



**Causes Diseases**

- ① Malaria, Schistosomes
- ② Cardio Pulmonary Issues
- ③ Air borne Allergens
- ④ Cancer, Alzheimer's disease, Diabetes

**HUMANS**

Specialized bacteria  
Lightning & Volcanoes

④ Percolates to drinking water

" + O = NO<sub>3</sub> Nitrates "

causes microscopic plants to decompose and consume O<sub>2</sub>

**Creates dead zones**  
Animal life suffocates & dies

**WATER**