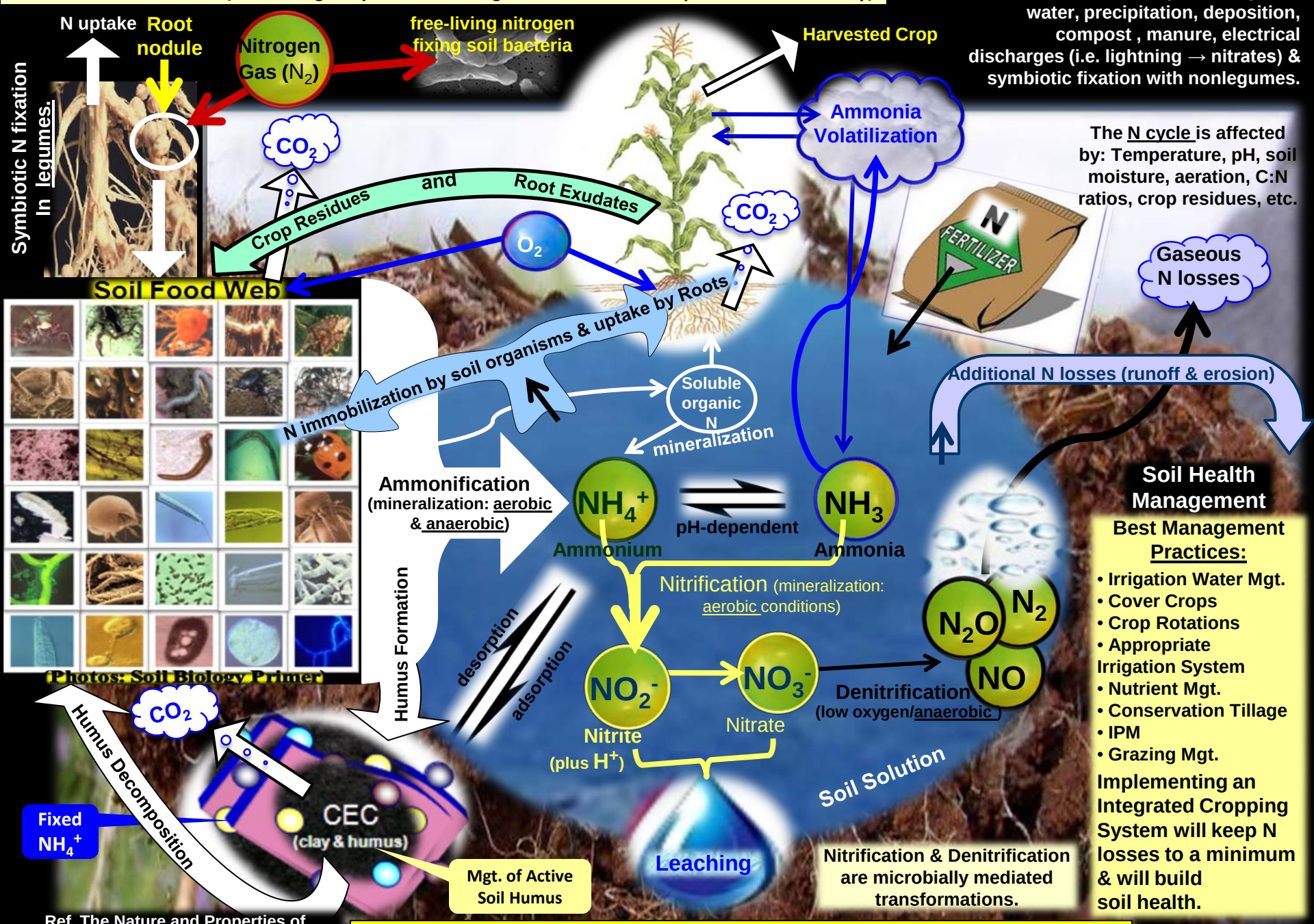
Introduction to Section 1 (1d – Nitrogen Cycle: Best Management Practices to improve N use efficiency)



Additional N inputs : irrigation water, precipitation, deposition, compost , manure, electrical discharges (i.e. lightning → nitrates) & symbiotic fixation with nonlegumes.

The N cycle is affected by: Temperature, pH, soil moisture, aeration, C:N ratios, crop residues, etc.

Ref. The Nature and Properties of Soils, 13th Edition (Chapters 11, 12 & 13)

Agronomy Tech Note 76 (http://www.nm.nrcs.usda.gov/technical/handbooks/iwm/nmiwm.html)

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