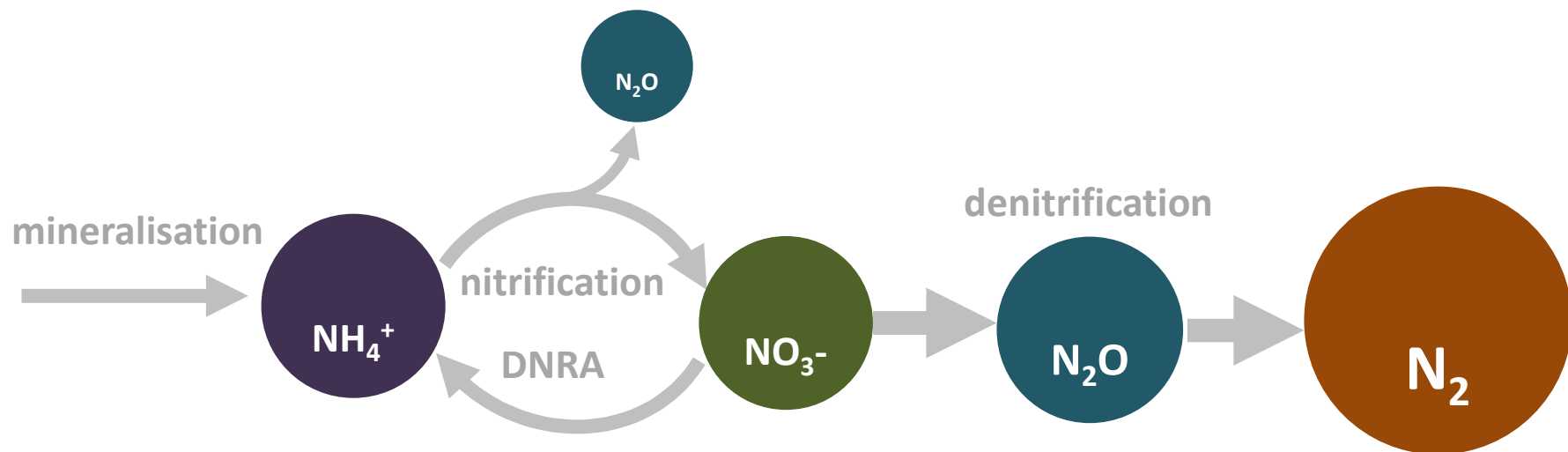
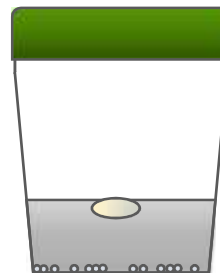
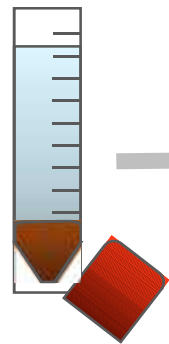
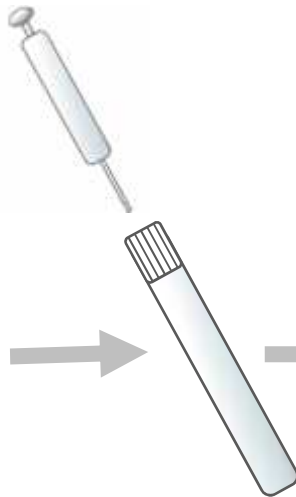
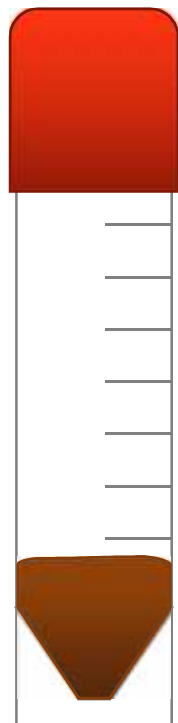


# Nitrogen turnover and $N_2:N_2O$ partitioning from agricultural soils – a simplified incubation assay



# Experimental setup



Fertiliser	at.%
$^{15}\text{NH}_4^{15}\text{NO}_3$	(10%)
$^{14}\text{NH}_4^{15}\text{NO}_3$	(10%)
$^{14}\text{NH}_4^{15}\text{NO}_3$	(60%)

**Mineralisation**

**Nitrification**

**$\text{N}_2$  and  $\text{N}_2\text{O}$  flux**



# N gross transformations and N<sub>2</sub> + N<sub>2</sub>O emissions

N turnover and denitrification losses at 80% WFPS from a clay Vertosol ( $\mu\text{g N g}^{-1} \text{ soil day}^{-1}$ )

