

Interactive comment on “The fate of N₂O consumed in soils” by B. Vieten et al.

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I really liked the idea of assimilatory N₂O consumption to NH₃, especially because of the thermodynamics. However, I doubt the experimental approach followed. A much better way would have been by measuring ¹⁵N in NH₃. This could have been done by purging the gas stream to boric acid where NH₃ would have been trapped as NH₄⁺. Techniques exist to measure ¹⁵N in NH₄⁺. As such direct evidence could have been found for N₂O to NH₃ conversion

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Interactive Discussion

Discussion Paper