

Interactive comment on “Nitrous oxide fluxes and nitrogen cycling along a pasture chronosequence in Central Amazonia, Brazil” by B. Wick et al.

Anonymous Referee #3

Received and published: 8 June 2005

This manuscript reports on the Nitrous oxides and N- cycling along a forest-pasture chronosequence in the Amazon. In this study the conversion reduces the nitrous oxide emissions in early and late pasture age unlike as found in other studies. Soil characteristics are proposed to be responsible for this difference. Supporting evidence from soil N chemistry is presented. The paper is an important contribution towards unraveling the effect of land use change in tropical areas on atmospheric chemistry and as such should be published. The paper is well written and clear in my opinion, except on page 13, I would suggest that the authors clearly define what is meant by an open of closed soil N cycle.

Interactive comment on Biogeosciences Discussions, 2, 499, 2005.

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Interactive Discussion

Discussion Paper