

Dear authors,

I have edited the below few sentences, and deleted the last one, which is a bit confusing and does not really add to the story.

Page 3: Our mitigation approach investigated the potential for reductions in slurry application accompanied with increased clover proportion in the pasture to reduce N₂O emissions at the field-scale. Farmers currently use a combination of home-produced slurries and bought in mineral fertilizer. Our suggestion is to apply the slurry to the fields which are amended with mineral fertilizers. This would have an additional benefit of reducing the indirect greenhouse gas emissions i.e. those during the manufacture of mineral fertilizers.

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Deleted: The quantity of these manufacturing reductions in GHG emissions, which are beyond the field-scale, as well as the full farm nitrogen and GHG budget are well beyond the focus of this study would need further investigation.