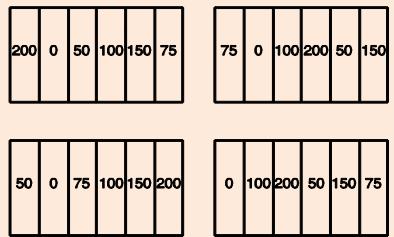


From the Field to the Community: Estimating N Gas Emissions on a Village Scale

Emily Sorensen, Jonathan Hickman, Clare Sullivan, Sean Smukler

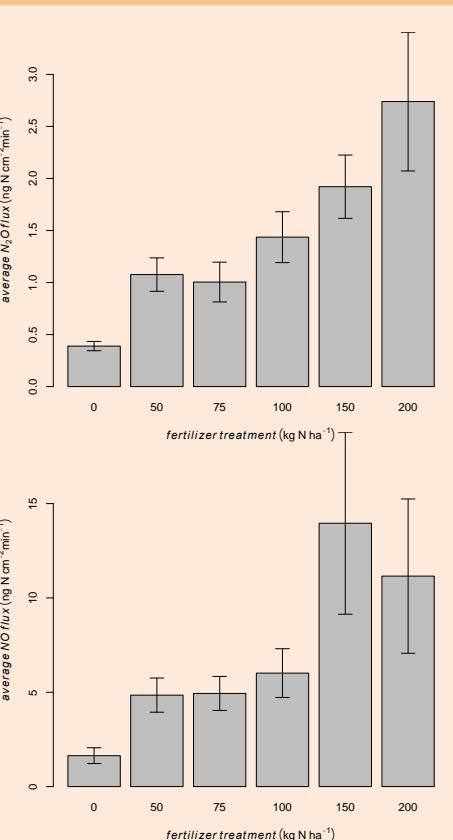
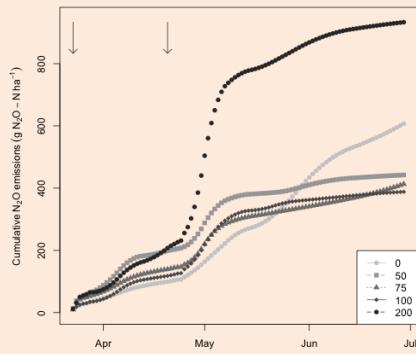
Tropical Agriculture and Rural Environment Program, Earth Institute, Columbia University



Layout of fertilizer treatments in kg/ha.

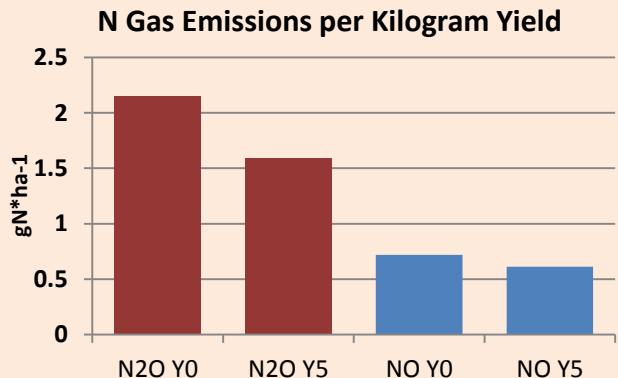


Cumulative N_2O emissions (g/ha) for each kg/ha treatment (2010 data)



Average emissions per minute for each kg/ha treatment after complete fertilizer application. N_2O top, NO bottom.

Y₀ and Y₅ represent the surveys conducted before and after intervention



N Gas Emissions per Season

