



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Journal of Agriculture and Ecology Research International
Manuscript Number:	Ms_JAERI_22741
Title of the Manuscript:	Effects of Lime on Growth and Yield of Mucuna flagellipes (Vogel ex hook) in an Acid Tropical Ultisol
Type of Article:	Original research Articles

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
The author did not provided the necessary information that the manuscript needed. Still the discussion part was lacking. I understand the main objective of the paper was to obtain the best liming rate for Mucuna flagellipes. However there were no explanation why the rate suggested was better than the other. In line 241 to 243 the author claimed that CaCO₃ at the rate of 2.0 t ha⁻¹ or 2.5 t ha⁻¹ was sufficient to raise the soil pH levels that reduced the soil acidity which consequently reduced toxicity of iron and aluminum and increased availability of plant nutrients. However the info was not included in the text. The author should not claimed nut need to prove the information in the experiment they conducted. That why i still think the author need to discuss about the soil characteristics under liming condition. Without this information the paper just explain ' cause and effects . I need to know the mechanism why liming at the recommended rate was good than other treatments.	Thanks so dearly for your keen comments. The reason why the rate of CaCO₃ at the rate of 2.0 t ha⁻¹ or 2.5 t ha⁻¹ was sufficient to raise the soil pH levels that reduced the soil acidity was because of the impact of CaCO₃ on the soil pH since calcium is a divalent cation (Table 3). the observation pointed out in line 241 to 243 has been noted and the necessary corrections made. The authors are so appreciative of your good work, speedy review, feedback and interest in our manuscript which has really helped in improving the quality of the paper.