



SDI Review Form 1.6

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

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	The author have done a good job with the experiment. However I found the article was lacking in the discussion part. The author should answer why the application of 2-2.5 t/ha lime is better than 4 t/ha in improving the growth of the plant under acidic soils. This can be done by looking the properties of soil under different treatments of lime. The author should discuss the ph, organic carbon, total nitrogen, exchangeable bases and acid properties under different liming condition. This can answer why the application of lime at 2-2.5 t/ha can enhance the growth of <i>Mucuna flagellipes</i> . I recommend the article for major revision until these soil characteristics properties under different liming conditions and the discussion part improved.	THANKS FOR YOUR CANDID REMARKS. THE SPECIFIC OBJECTIVES OF THIS STUDY WAS BASICALLY TO DETERMINE WHICH LIME RATE (CALCIUM CARBONATE) THAT WILL BE OPTIUM FOR GROWTH AND YIELD OF <i>Mucuna flagellipes</i> IN AN ACID SOIL, NOT NECESSARILY IT EFFECTS ON THE SOIL PROPERTIES AS YOUR RIGHTLY POINTED OUT. ALSO NOTE THAT PRE-PLANTING SOIL PROPERTIES WAS DONE WHICH REVEALED THAT THE SOIL WAS ACIDIC AND ALSO EFFECTS OF CaCO_3 ON SOIL pH AT ONE MONTH AND TWO MONTHS AFTER PLANTING WAS ALSO DETERMINED. SO LIMING WAS NEEDED. THANKING YOU FOR YOUR INTEREST IN OUR MANUSCRIPT.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		