

Review Form 3

Journal Name:	Asian Journal of Soil Science and Plant Nutrition
Manuscript Number:	Ms_AJSSPN_121319
Title of the Manuscript:	Effect of Sugarcane bagasse Biochar on Ammonium and Nitrate in a Tropical Soil Cropped with Plant
Type of the Article	

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.		
Is the title of the article suitable? (If not please suggest an alternative title)		
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.		
Are subsections and structure of the manuscript appropriate?		
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.		
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.		

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>		
<p>Optional/General comments</p>	<p>However, some minor changes must be addressed before the manuscript is published.</p> <p>1- The authors should be put the page numbers of the manuscript.</p> <p>2- FTIR figure of biochar before and after treatment to show SFGS.</p> <p>3- in Characterizations of soil and biochar section the authors should be add the TGA Curve For determination of Volatile matter and fixed carbon and BET micrographs for determination of surface area of SBB400, SBB800.</p> <p>4- In result and discussion, Characterizations of soil and biochar section, the pH graph of SBB400, SBB800 should be added.</p> <p>5- In isotherm adsorption experiment section the authors should be using another isotherm adsorption and compare the correlation coefficient R2 between them such as Langmuir , freundlich and Evolich isotherms ,the authors not clarify the order of kinetic reaction pseudo first or pseudo second order reaction See ref [24].</p> <p>6- In Ammonium and nitrate adsorption capacity of soil and biochar- amended soils section comparison table between the suggested method and other reported methods should be added.</p>	

PART 2:

	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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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