

### Review Form 3

Journal Name:	<a href="#">International Journal of Plant &amp; Soil Science</a>
Manuscript Number:	Ms_IJPSS_123736
Title of the Manuscript:	Optimizing Soil Conditions and Crop Productivity in Acidic Tista Floodplain Soils of Bangladesh: Evaluating the Impact of Liming on pH, Nutrient Availability, and Crop Yield
Type of the Article	Original Research Article

#### **General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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#### PART 1: Review Comments

<b>Compulsory</b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p><b>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.</b></p>	<p>The manuscript entitled " Optimizing Soil Conditions and Crop Productivity in Acidic Tista Floodplain Soils of Bangladesh: Evaluating the Impact of Liming on pH, Nutrient Availability, and Crop Yield" is important as it deals with improving soil nutrients and conditions such as pH, Mg, P, K and S in the soil for crop productivity. This article will be beneficial to other researchers and the farmers in I this field and other regions who may want to conduct further experiments and improve their soil conditions and crop yields.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>I suggest the title be modified as "Effects of liming on pH, Nutrient Availability, Crop yield and Productivity in Acidic Tista floodplain Soils of Bangladesh"</p>	
<p><b>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.</b></p>	<p>The abstract is not fully comprehensive. It requires editing and addition information. I recommend the following to improve the abstract:</p> <ol style="list-style-type: none"> <li>1) Second line; change "The objectives to identify" to "The objective of this study is/was"</li> <li>2) Define RCDB before using the shortform, being the first time its mentioned</li> <li>3) Before MSTAT-C software package, introduce a sentence to capture experiment treatments (lime doses). At the end of sentence on MSTAT_C, delete "on a computer" it's not necessary</li> <li>4) Author mentioned word "significantly" in the last five sentences. Provide as well the significant level/s</li> </ol>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p>The subsections are appropriate although the author need to follow the journal guidelines/Ms word paper template and restructure the whole manuscript. Additionally, the Discussion section is narrow and the author should support this section with references.</p>	
<p><b>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.</b></p>	<p>The manuscript addresses the important aspect of declining soil nutrients through liming which improves soil health and crop productivity. In this way the manuscript is timely since provides scientific knowledge that will contribute to improving food security through soil nutrients.</p>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b> :</p>	<p>The author must rearrange all references according to the journal guidelines for example "Adane B. 2014. Effects of liming acidic soils on improving soil properties and yield of haricot bean. J. Environ. Analytical Toxicol. 05 (01), 248. doi: 10.4172/2161-0525.1000248" to: 3. Adane B. Effects of liming acidic soils on improving soil properties and yield of haricot bean. J Environ Analytical Toxicol. 2014; 05 (01): 248. All the references in the main body must follow Vancouver referencing style/numerical system rather than the APA</p>	
<p><b>Minor</b> REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>Extensive editing of English language required</p>	
<p><b>Optional/General</b> comments</p>		

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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