

## Review Form 1.7

Journal Name:	<b>International Journal of Plant &amp; Soil Science</b>
Manuscript Number:	<b>Ms_IJPSS_96524</b>
Title of the Manuscript:	<b>Impact of Zinc and Boron on physico-chemical properties of soil under Green gram crop in an Inceptisol of Prayagraj, (Uttar Pradesh)</b>
Type of the Article	<b>Original Research Article</b>

### **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:

(<https://www.journalijpss.com/index.php/IJPSS/editorial-policy> )

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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)
<p><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li><b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li><b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li><b>Is the abstract of the article comprehensive?</b></li> <li><b>Are subsections and structure of the manuscript appropriate?</b></li> <li><b>Do you think the manuscript is scientifically correct?</b></li> <li><b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>L = Line</p> <p>Abstract</p> <p>L7-10: it is not usual to write the title of the article, university and department in the abstract.</p> <p>L12-26: very confused. what is the "highlight" of the work? What is the main impact of zinc and boron?</p> <p>The unit "Mg m<sup>-3</sup>" -&gt; Mg = 10<sup>6</sup>g and mg = 10<sup>-3</sup>g. What does "Mg" mean? is this right? milligram is "mg".</p> <p>Introduction</p> <p>L49: "Potassium" -&gt; potassium</p> <p>L53-60: is repeating L43-52, but the reference is different, this information was taken from which reference? Something is wrong with these paragraphs.</p> <p>L63: "3.26 mg and iron 7.3mg" -&gt; 7.3 mg</p> <p>Several references cited in the introduction are not in the reference list. Check with "Ctrl+F". There is a reference that is on the list as "Muthuaval", but in the text as "Muthuval".</p> <p>L80: missing full stop L81: different paragraph space L94: full stop before the end of the sentence. L95-96: not clear, confused.</p> <p>Material and methods</p> <p>I think "location" and "climate" could be together in the same section called "characterization of the study area".</p> <p>L122: What does "RDF" mean? Resource Description Framework? Table</p> <p>1 was not cited in the text.</p>	

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	<p>Table 1: Why two codes ("treatment" and "symbols") for each combination? Why not just one code for each combination?</p> <p>L136: missing the number of the section "<b>Fertilizer application</b>". L149: missing the number of the section "<b>Soils analysis</b>" L160: missing the number of the section "<b>Statistical analysis</b>"</p> <p>Results and discussion L163 and L171: Missing section number. the "results" subsections do not match the methodology subsections. Formatting differs from previous subsections (italics).</p> <p>L164: "The data showed that the bulk density of soil were 1.32 and 1.34 Mg m-3 and 1.29 and 1.31..." -&gt; <u>four values? two pairs of values? What are these values related to? Very confused, vague.</u></p> <p>L169 and L190: "This corroborates with" and "...reported similar trends of results ....." -&gt; which result? The same? If other authors have already carried out the same study, it would not make sense to repeat the research.</p> <p>References: L225: "Reference" -&gt; References (plural).</p> <p>What does "Anonymous" mean? The article cited references that are not on the list. There is a reference in the list that was not mentioned in the text. References are not in alphabetical order.</p> <p>Table 1 was cited within the text, but Tables 2, 3 and 4 were left after the references.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>		
<p><b>Optional/General</b> comments</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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