

**Review Form 3**

Journal Name:	<b>International Journal of Plant &amp; Soil Science</b>
Manuscript Number:	<b>Ms_IJPSS_120225</b>
Title of the Manuscript:	<b>Hasanta: A Promising Substitute for Pratikshya in Rain-Fed Semi-Lowland Rice Ecosystems</b>
Type of the Article	<b>Original Research Article</b>

## Review Form 3

### PART 1: Review Comments

<b>Compulsory</b> 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>
<p><b>Please write few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.</b></p>	<p>The present work is formulated as a research, and as such, it has tremendous implications as it contributed to unveiling the state of biodiversity and ecological health of the Meghadrigedda Reservoir when assessing the aquatic macrophytes. Aquatic macrophytes are important in evaluating the conditions of aquatic environment and the effects of different changes. The manuscript incorporates valuable data regarding the variety and localization of the identified species that can potentially benefit from the subsequent evaluation and protection, water regulation and future scholarly studies of the corresponding ecosystems.</p> <p>This manuscript is interesting to me because it examines a crucial factor that influences the aquatic system yet rarely discussed in other literature. The structure that has been adopted is one that is more comprehensive and the presentation of data is very clear too, making the technique more reliable. Also, the study bears a policy relevance in the formulation of the policies that guard the sustainable utilization of water resources.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>Yes, the title of the article as 'Aquatic Macrophyte Diversity in Meghadrigedda Reservoir' is appropriate. This makes it easy to understand the aim of the study as it identifies both the case of focus, namely aquatic macrophytes and the place of study, namely Meghadrigedda Reservoir. It fulfills the purpose of the title, notifying the reader about what the research is about and the geographical location in a way that the reader does not have to guess about the research niche.</p>	
<p><b>Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.</b></p>	<p>Regarding the study specific objectives, the experiment is conducted in Odisha, India to compare yield and pest resistance of Hasanta and Pratikshya rice varieties in two consecutive years. Hasanta outyielded the other varieties and had a lower incidence of BPH.</p> <p>It clearly states the objectives of the study and the major findings of the research in the abstract section. Make certain that any relevant detail that may be considered pertinent in the analysis shall be incorporated in the report, including narrowly defined yield percentages and economic profit percentages.</p>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p>The work is presented systematically with transparent aims and objectives, sound research method and accurate findings.</p> <p>Areas for Improvement:</p> <p>The study's introduction section should contain more context and comparative analysis than is given in the current text, especially within sections exploring the discussion. Highlight how the findings align or differ from existing research.</p> <p>Include more information regarding the descriptive use of statistics and the control procedures that have been adopted.</p> <p>Make certain that all important pieces of information for totality are reported in the abstract.</p> <p>By elaborating these points, the paper can be subjected to further improvements and can supply more lucid understanding and more vast coverage of the carnage of the importance and implications of the study.</p>	
<p><b>Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.</b></p>	<p>This makes it more reliable and easy to understand since it covers a wider range and has laid down methods of data analysis. In the same way, a contribution to the understanding of the mechanisms for the wise use and conservation of freshwater resources is given, according to the results of the study. Nevertheless, there are some suggestions, which, if incorporated in the work, could enhance the quality and relevance of the study: More extensive evaluation of the existing literature; Detailed analysis of the environmental variables.</p>	

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<p><b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p>	<p>Ensure all references are current and directly relevant to the study's focus. Cross-check for any seminal works in the field that might have been missed.</p>	
<p><u>Minor</u> REVISION comments</p> <p><b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>yes</p>	
<p><u>Optional/General</u> comments</p>		

**PART 2:**

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

**Reviewer Details:**

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