

**Review Form 3**

Journal Name:	<a href="#">Journal of Experimental Agriculture International</a> .
Manuscript Number:	<b>Ms_JEAI_125239</b>
Title of the Manuscript:	<b>Impact of conservation tillage and nitrogen management on soil temperature and soil moisture in Aerobic rice</b>
Type of the Article	<b>Original Research Article</b>

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**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	Reviewer's comment	<b>Author's Feedback</b> <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.	Conservation tillage and nitrogen management are crucial for sustainable agriculture. The research provides insights into how these practices influence soil temperature and moisture, both of which are essential for crop growth and ecosystem health. The findings can inform farmers and policymakers about effective strategies to enhance soil health and reduce environmental impacts in aerobic rice production. By understanding the relationship between tillage practices, nitrogen management, and soil properties, researchers can develop more targeted and efficient agricultural interventions. This study contributes to the body of knowledge on climate-smart agriculture, helping to identify practices that can mitigate the effects of climate change on soil and crop productivity. The research highlights the importance of adopting conservation-oriented approaches in rice production, which can lead to more sustainable and resilient agricultural systems.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, the title of the article is suitable.	
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.	Yes, the abstract of the article is comprehensive.	
Are subsections and structure of the manuscript appropriate?	Additional subsections titled Recommendations and Future Scope of Study may be added in the manuscript after Conclusions section.	
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.	The manuscript appears to be scientifically robust and technically sound with some scope of improvement before final publication. It provides a detailed investigation into the effects of tillage practices and nitrogen management on soil conditions in aerobic rice cultivation. While further research could explore long-term effects and economic implications, the study demonstrates a valuable contribution to understanding sustainable agricultural practices and can inform decision-making for farmers and policymakers.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	A few more recent references may be included by the author(s).	

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<p>Minor REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>Yes, the language/English quality of the article is suitable for scholarly communications. Although some minor spelling and formatting issues may be addressed before re-submission.</p>	
<p><b>Optional/General</b> comments</p>	<p><b>Additional comments:</b></p> <ul style="list-style-type: none"> <li>• The keywords may be written in alphabetical order separated by semi colons.</li> <li>• The latitude and longitude of the study area must be included in the materials and methods section.</li> <li>• Graphs and figures for data presented in tables 1-4 should be made for easy understanding of the trends and results.</li> <li>• The author(s) should include some original photographs of the site, experimental plants and soil for better understanding by the readers.</li> <li>• The author(s) should include some data on the prevailing weather conditions like temperature, precipitation, humidity, etc. for better gauging of the research.</li> <li>• The author(s) should add sections pertaining to recommendations and future scope of the study after the conclusions section, describing in brief how this current research can help in future agricultural research and related policies.</li> </ul>	

**PART 2:**

	<p><b>Reviewer's comment</b></p>	<p><b>Author's comment</b> (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>
<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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