

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_113737
Title of the Manuscript:	Effect of different kharif paddy straw management options and nitrogen levels on soil organic carbon and soil total carbon and nitrogen
Type of the Article	Original Research Article

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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>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1.Yes, Given the global importance of rice as a staple food crop, strategies for enhancing soil organic carbon, total carbon, and nitrogen through sustainable practices are crucial for food security, environmental sustainability, and agricultural productivity. -Furthermore, the manuscript could further highlight its novelty and significance by directly linking its findings to global challenges such as climate change mitigation and food security. A more detailed discussion on how this research fills existing knowledge gaps or contrasts with previous studies would enhance its importance.</p> <p>2.The title accurately reflects the study's focus and scope, covering the key elements of the research (kharif paddy straw management, nitrogen levels, and their effects on soil properties). However, to make it more concise and focused, a possible alternative could be: "Impact of Paddy Straw Management and Nitrogen on Soil Carbon and Nitrogen Levels."</p> <p>3.The abstract provides a succinct overview of the study's objectives, methods, key findings, and implications. However, for enhanced comprehensiveness, it could further summarize the study's significance and its implications for sustainable agricultural practices.</p> <p>4.The manuscript appears scientifically correct. The experimental design, methodology, and analysis are appropriately detailed, reflecting adherence to scientific rigor. The conclusions drawn are supported by the data presented, ensuring the study's reliability and validity.</p> <p>5. the manuscript appears scientifically correct. The experimental design, methodology, and analysis are appropriately detailed, reflecting adherence to scientific rigor. The conclusions drawn are supported by the data presented, ensuring the study's reliability and validity.</p> <p>6.Adding more recent references or studies related to the latest advancements in soil science and analysis of organic amendments on soil properties could further strengthen the manuscript A pertinent example is the work by Mortazavizadeh, F., Fatahi, A., Asefpour Vakilian, K., Pagliari, P. H., Cerdà, A., Mirzaei, M., ... & Adnan Ikram, R. M. (2022). Effects of ash derived from livestock manure and two other treatments on soil moisture content and water infiltration rate. Irrigation and Drainage, 71(4), 1024-1033.</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>The manuscript is generally well-written, with clear and concise language suitable for scholarly communication. Minor editorial revisions could enhance readability and ensure consistency throughout the document. Attention to grammatical details and the use of technical terms would further improve the manuscript's quality.</p>	
<p>Optional/General comments</p>	<p>The study presents a significant contribution to agronomy and environmental science, offering practical insights into sustainable farming practices. Future research could explore the long-term impacts of these management practices on soil health and crop yield, providing a broader perspective on sustainable agriculture. Integrating additional variables, such as water management practices or the use of different crop residues, could also enrich the study's findings.</p>	

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PART 2:

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

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