

Review Form 3

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_127314
Title of the Manuscript:	Long-term effect of tillage, residue and biofertilizer on soil microbial biomass carbon and dehydrogenase activity under rice-wheat cropping system in Terai agro-ecological region of West Bengal
Type of the Article	

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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

Compulsory 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>
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.	This manuscript is valuable to the scientific community as it highlights the role of zero tillage, crop residue retention, and biofertilizer application in enhancing soil health and sustainability. By linking soil management practices to microbial activity and enzyme responses, it provides practical insights for sustainable agriculture. The study's robust data and meaningful interpretations make it a significant contribution to soil ecology research.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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	
Are subsections and structure of the manuscript appropriate?	Yes	
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.	This manuscript is scientifically robust and technically sound, as it employs a well-designed long-term field study to explore the effects of tillage and residue management on soil health indicators like dehydrogenase activity and microbial biomass. The data analysis is thorough, with clear statistical correlations supporting the conclusions. The discussion integrates relevant scientific literature, providing a strong theoretical framework for the findings. Overall, the manuscript effectively links soil management practices to improved soil health and sustainability, reinforcing its scientific validity.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	
Minor REVISION comments	Yes	
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments		

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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