

Review Form 3

Journal Name:	Asian Journal of Soil Science and Plant Nutrition
Manuscript Number:	Ms_AJSSPN_124082
Title of the Manuscript:	Impact of Integrated Nutrient Management on Soil Properties and Kala Namak Rice Yield in Central Uttar Pradesh
Type of the Article	Research

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
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 addresses the critical topic of integrated nutrient management (INM) and its impact on soil health and rice yield, which is of high relevance to sustainable agriculture. The research contributes significantly to understanding how INM practices, including the use of FYM, BGA, and micronutrients like Zn, can improve yields of Kala Namak rice, a high-value crop in India. I appreciate the focus on a heritage rice variety, linking the findings to ongoing efforts in promoting region-specific crops under the "One District One Product" initiative. However, the manuscript could benefit from a deeper discussion of the broader implications of the findings.	
Is the title of the article suitable? (If not please suggest an alternative title)	The current title is mostly appropriate, but it could be more concise	
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.	The abstract is generally comprehensive but could be improved by emphasizing the broader impact of INM beyond the experimental site. Additionally, it lacks a summary of the methodology, and some key results are mentioned without context. Including a sentence on the statistical significance of the findings would make the abstract stronger. For example, a mention of the specific percentage improvement in yields or statistical significance due to INM would be helpful. More detailed comments are mentioned in the paper, please find them.	
Are subsections and structure of the manuscript appropriate?	The manuscript is well-structured, with clear subsections for materials and methods, results, and discussion. The use of tables and statistical analysis is appropriate, but the results section could benefit from more detailed explanations of the data trends observed, particularly in terms of comparing different treatments.	
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 is scientifically sound, with robust experimental design and clear, repeatable methodologies. The statistical analyses support the claims, and the conclusions are well aligned with the data. However, further exploration of the long-term sustainability and economic impact of the recommended nutrient management practices would make the manuscript more comprehensive. The link between improved soil health and crop productivity is crucial, but it is underexplored in the discussion.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are sufficient, though some recent literature on INM and nutrient cycling could be added to strengthen the paper's context. I suggest including studies from the past 3-5 years on similar topics, particularly in South Asian agricultural contexts.	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	The manuscript's language is mostly clear, but there are some grammatical issues and awkward phrasings. A thorough proofreading is needed to enhance the readability and flow of the text. Improving sentence structure, especially in the introduction and results sections, would make the manuscript more accessible to international readers.	
Optional/General comments	Please go through the paper, I have recommended some correction through comments to improve the paper.	

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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>	

Reviewer Details:

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