

Review Form 3

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_126543
Title of the Manuscript:	Influence of INM on yield, quality and soil status of potato
Type of the Article	Original Research Article

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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)
<p>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.</p>	<p>This study offers important insights into the impact of integrated nutrient management (INM) on the yield, quality, and soil health of potato crops, a subject of considerable interest due to environmental issues related to chemical fertilizers. The results, particularly concerning the impact of different treatments on microbial populations and tuber quality, are significantly pertinent for advancing sustainable agriculture techniques. This research significantly enhances the understanding of sustainable crop management, aiding initiatives to reconcile productivity with preservation of the environment.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title is suitable and accurately represents the manuscript's focus on INM, potato yield, quality, and soil status. Alternatively, consider: "Effects of Integrated Nutrient Management on Potato Yield, Quality, and Post-Harvest Soil Properties" to enhance clarity.</p>	
<p>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.</p>	<p>The abstract addresses the fundamental elements of the study but would improve by succinctly emphasizing the most critical data, particularly identifying which treatment yielded the maximum tuber output and soil microbial count. This enhancement would render the abstract more compelling.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The manuscript is systematically structured, featuring distinct sections that direct the reader through the experimental design, findings, and analysis. The subsections are sufficiently comprehensive, and the organization successfully communicates the research objectives, methodology, and findings.</p>	
<p>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.</p>	<p>This manuscript is scientifically sound, possessing a detailed three-year study period and a resilient experimental design (Randomized Block Design) that enhance the reliability of the results. The statistical analyses support the conclusions, and the experimental specifics about nutrient management strategies are thorough. The research reveals substantial results about the impact of nutrient management on crop production and soil health, endorsing the application of Integrated Nutrient Management to improve soil and plant productivity.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>The references are sufficient, recent, and relevant to the field. The cited studies provide a solid theoretical background for the use of INM in agriculture, and no additional references are required.</p>	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The language is generally straightforward and appropriate for academic discourse, however little adjustments in grammar and phrasing would improve readability. For example, the phrase: "potato is a heavy feeder crop so it's mostly depend on supply of nutrients..." may be revised to: "Potato is a nutrient-intensive crop that primarily relies on a steady supply of essential nutrients..." I suggest a minor linguistic revision to enhance clarity and conciseness across the manuscript.</p>	
<p>Optional/General comments</p>	<p>This manuscript significantly contributes to sustainable agriculture research by illustrating the effectiveness of integrated nutrient management in improving potato output and soil microbial diversity. Incorporating further analysis of the economic viability of these INM approaches for small-scale farmers could enhance their practical significance.</p> <p>Based on the manuscript's quality, organization, and scientific contributions, Minor revisions are needed, particularly in enhancing the language and abstract.</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>	

Reviewer Details:

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