

Review Form 3

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_131034
Title of the Manuscript:	INFLUENCE OF NUTRIENT MANAGEMENT PRACTICES ON FINGER MILLET IN LATERITIC SOILS OF ODISHA
Type of the Article	Research

General guidelines for the Peer Review process:

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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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Review Form 3

PART 1: Comments

	<b>Reviewer’s comment</b> <b>Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.</b>	<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>
<b>Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.</b>	This manuscript provides valuable insights into the effects of nutrient management practices on finger millet production, an essential food crop known for its nutritional value and climate resilience. The study offers empirical data on yield improvements, economic benefits, and agronomic performance in lateritic soils, contributing to sustainable agricultural practices. Additionally, the integration of mechanized threshing techniques highlights practical advancements that could enhance efficiency and reduce labor intensity for farmers. The findings have implications for policy-making, farm advisory services, and future research on nutrient optimization in millet cultivation. This section is appropriate	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	The title is relevant and clear. However, a more specific and precise title could be: “Optimizing Nutrient Management for Finger Millet (Eleusine coracana) in Lateritic Soils of Odisha: Effects on Growth, Yield, and Economics”  This title is advisable	
<b>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.</b>	The abstract is well-structured and provides a good overview of the study. However, a few refinements are recommended: <ul style="list-style-type: none"><li>• <b>Clarification of Objectives:</b> Explicitly state the primary aim of the study in the first few sentences.</li><li>• <b>Statistical Significance:</b> Mention whether the observed increases in yield and economic returns were statistically significant.</li><li>• <b>Methodology Details:</b> The description of the experimental design (RBD with 10 replications) is useful, but more clarity on statistical tests would enhance comprehensiveness.</li><li>• <b>Economic Interpretation:</b> Instead of just stating “maximum net return and B:C ratio were noted,” briefly explain the economic implications for farmers.</li></ul> This section is appropriate	
<b>Is the manuscript scientifically, correct? Please write here.</b>	The study appears to be scientifically sound, with proper methodology, data collection, and analysis. However, a few concerns should be addressed: <ul style="list-style-type: none"><li>• The explanation of the lime application process could be clearer. Specifically, the rationale for using lime at 0.25 LR should be elaborated.</li><li>• The statistical significance of the differences observed should be explicitly stated in the results section.</li><li>• The discussion could better compare the study’s results with previous research to contextualize findings.</li></ul> This section is appropriate	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	<ul style="list-style-type: none"><li>• The references are generally relevant and include a mix of foundational and recent studies.</li><li>• However, some references, such as NRC (1996), may be outdated. More recent studies on nutrient management in millets should be included.</li><li>• Additional references on the impact of mechanization (such as threshing efficiency</li></ul>	

Review Form 3

	improvements) would enhance the manuscript.	
	Suggest to use reference management software like Mendeley	
Is the language/English quality of the article suitable for scholarly communications?	<ul style="list-style-type: none"><li>The manuscript is generally well-written but requires minor grammatical corrections and improvements in sentence structure.</li><li>Some sections (e.g., Results &amp; Discussion) have long, complex sentences that could be broken down for better readability.</li><li>Standardizing terminology and using consistent phrasing (e.g., switching between “RP” and “recommended practice”) would improve clarity.</li></ul>	
	Overall improvement required	
Optional/General comments	Overall improvement required	

PART 2:

	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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

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