

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_127854
Title of the Manuscript:	Correlation of Physical Properties with Yield & Uptake of N, P and K by the effect of Inorganic Fertilizers and Organic Manures under Wheat-Maize Cropping Sequence Grown on Normal and Saline-Sodic Inceptisol
Type of the Article	

PART 1: 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. A minimum of 3-4 sentences may be required for this part.	The manuscript "Correlation of Physical Properties with Yield & Uptake of N, P, and K by the effect of Inorganic Fertilizers and Organic Manures under Wheat-Maize Cropping Sequence Grown on Normal and Saline-Sodic Inceptisol" provides insightful information for the scientific community. It examines the critical connection between crop output and soil characteristics in India's essential agricultural system. The study emphasizes sustainable methods that improve soil health and productivity, which are crucial for guaranteeing food security in a population that is expanding quickly. It does this by analyzing the effects of both inorganic fertilizers and organic manures. By addressing global agricultural concerns, these insights can aid in the development of agricultural policies that balance environmental sustainability and productivity.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title of the article is suitable but could be streamlined for clarity. An alternate title that has been proposed is "Impact of Fertilizer Types on Soil Properties and Nutrient Uptake in Wheat-Maize Systems."	
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.	Although your article's abstract is rather thorough, I have some recommendations to improve its effect and clarity: <ol style="list-style-type: none"> 1. Quick Methodology Overview: Although you have mentioned the treatments and experimental design, it would be more helpful to add a quick explanation of the measurements that were made (e.g., soil samples were examined for pH, N, P, and K, and crop yields were measured). 2. Key Findings: The abstract is clearer when the key findings are highlighted with particular data points. Results can be more powerful if, for example, the precise increase in production or nutrient uptake is stated. 3. Implications: You brought up the significance of combining inorganic fertilizers with organic manures. It can be more thorough to elaborate on the wider implications for food security and sustainable farming methods. 	
Is the manuscript scientifically, correct? Please write here.	The manuscript presents a scientifically sound analysis of the correlation between physical parameters and crop yield in different soil types. However, the methodology section lacks critical details on data collection, which should be included for clarity and to ensure the reliability of the findings. Furthermore, while the results are well presented, further elaboration on the practical applications of the findings could enhance the manuscript's overall impact and relevance to agricultural practices.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are generally sufficient but could be improved by incorporating more recent studies from the last five years that focus on similar topics (including from Africa and the region) or advancements in soil science and agronomy. This would enhance the literature review's relevance.	

Review Form 3

Is the language/English quality of the article suitable for scholarly communications?	Though some lines may be reworded for clarity and conciseness, the article's language quality is generally appropriate for scholarly communication. Readability will be improved by paying attention to grammar and technical terms.	
Optional/General comments	The manuscript offers insightful research that may have a big impact on sustainable farming methods. Its overall quality and applicability to current agronomic research trends will be enhanced by addressing the aforementioned issues.	

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Jean Kumbirayi Nzuma
Department, University & Country	Scientific and Industrial Research and Development Center, Zimbabwe