

### Review Form 3

Journal Name:	<a href="#">Asian Journal of Research in Crop Science</a>
Manuscript Number:	Ms_AJRCS_121268
Title of the Manuscript:	Response of Watermelon ( <i>Citrullus lanatus</i> (L.) to Organic and Inorganic Fertilization in Makurdi, Southern Guinea Savannah, Nigeria
Type of the Article	Original Research Article

#### **General guidelines for the Peer Review process:**

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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#### **Important Policies Regarding Peer Review**

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**PART 1: Review Comments**

<b>Compulsory</b> 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>
<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 article has significance because it offers factual information on the use of inorganic and organic fertilizers to the production of watermelon in a particular agro-ecological zone in Nigeria. The findings are important because they provide helpful recommendations for sustainable agriculture, particularly for smallholder farmers, to the scientific community as well as agricultural professionals. It is a significant addition to the area since it highlights the advantages of compost manure over artificial fertilizers, addressing both environmental and economic issues.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Although the title is comprehensible as it is, it could have been made clearer.  <u>Original Title:</u> Response of Watermelon (<i>Citrullus lanatus</i> (L.)) to Organic and Inorganic Fertilization in Makurdi Southern Guinea Savannah Nigeria  <u>Suggested Title:</u> Evaluating the Response of Watermelon (<i>Citrullus lanatus</i>) to Organic and Inorganic Fertilization in Makurdi, Southern Guinea Savannah, Nigeria</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 has to be revised for accuracy and clarity:</p> <p>Clearly define the goal of the research.  Summarize the main conclusions together with particular data points.  Emphasize the findings' practical importance.</p> <p><u>Addition:</u>  Objective Clarification:</p> <ul style="list-style-type: none"> <li>• Addition: "The objective of the study was to evaluate _____ in Makurdi, Southern Guinea Savanna, Nigeria."</li> <li>• Key Findings with Data Points:  Addition: "The results showed that, in comparison to the control treatment, which produced Y t/ha of fruit, the application of 250 kg/ha of compost manure greatly enhanced the growth characteristics and output of watermelon, with an average fruit yield of X t/ha."</li> </ul> <p>Practical Significance:</p> <ul style="list-style-type: none"> <li>• Addition: "The research suggests using compost manure at a rate of 250 kg/ha since it is an economical and environmentally friendly alternative to NPK fertilizer, suggestion : add significance"</li> </ul> <p><u>Correcting grammar and being concise:</u></p> <p>Deletion: If geographic coordinates are not directly related to the main topic of the abstract, delete any unnecessary information about them.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Although the structure is usually appropriate, it needs to be improved:</p> <p>Make that the data is presented consistently (e.g., the tables and figures are correctly cited in the text).  For greater emphasis and clarity, divide the findings and discussion parts.</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>The manuscript is technically excellent and has strong scientific support. Appropriate and well documented are the data collection, analysis, and experimental design. The results illustrate how organic compost improves soil health and watermelon productivity. But the discussion has to be expanded to include a comparison of the findings with those of more recent research and an in-depth analysis of its implications.</p>	

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<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> <p>-</p>	<p>Although most of the references are adequate, they should be updated with more current research. Think about adding current studies from the last five years that discuss the effects of both organic and inorganic fertilizer on soil health and crop productivity.</p> <p><b>Suggested Further Readings:</b></p> <p>Include research on inorganic and organic fertilizer conducted throughout the recent five years. Ensure that every reference is full and structured appropriately.</p>	
<p><u>Minor REVISION</u> comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p><b>Language:</b></p> <p>In order to fix grammatical mistakes, enhance sentence structure, and ensure terminology coherence, the work has to be proofread. This will improve academic communication and readability.</p>	
<p><u>Optional/General</u> comments</p>	<p><b>"Clarity and Readability":</b> Check any grammatical mistakes and work on the sentence structure.</p> <p><b>"Abstract":</b> Add research aim, significant findings with supporting data, and practical importance to the revised version.</p> <p><b>"Discussion":</b> Extend to provide a wider perspective by comparing with more current research.</p> <p><b>"References":</b> Update and arrange citations in accordance with journal requirements.</p> <p><b>"Figures and Tables":</b></p> <p>Make sure the material is presented clearly and with accurate reference.</p> <p><b>"Practical Recommendations":</b> Explain on suggestions for farmers, addressing obstacles and methods of implementation.</p> <p><b>"Future Research":</b></p> <p>Make recommendations for future study directions based on your results.</p> <p>All things considered, the article makes a substantial contribution to Nigeria's sustainable agriculture. By responding to these comments, the content will become more impactful, readable, and clear.</p>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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