

## Review Form 1.7

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_104661</b>
Title of the Manuscript:	<b>Effect of Traditional fertilizer, nano-fertilizer and micronutrient on growth, yield and quality of Tomato (Solanum Lycopersicum L.)</b>
Type of the Article	<b>Original Research Article</b>

### **General guideline for 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 guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalijecc.com/index.php/IJECC/editorial-policy> )

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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<p><b><u>Compulsory</u></b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<ol style="list-style-type: none"> <li>1. Based on the manuscript, this study is significant to the scientific community, particularly those involved in agriculture and biology. The research explores the effectiveness of different types of fertilizers on tomato growth and yield, which can guide farmers and researchers in choosing the most efficient fertilization methods. Furthermore, this study contributes to the development of innovative and effective fertilization techniques, enhancing crop yield and quality beyond just tomatoes.</li> <li>2. It appears to be suitable as it accurately reflects the content of the study. The title clearly states the main variables (traditional fertilizer, nano-fertilizer, and micronutrient) and the subject of the study (growth, yield, and quality of tomato). However, if brevity is desired without losing much of the descriptive nature of the current title, an alternative could be "Influence of Fertilizer Types on Tomato Growth and Yield". This shorter title still maintains the key elements of the study but is less specific about the types of fertilizers and the parameters of tomato growth and quality. It's worth noting that the specificity of the original title could be considered a strength, as it gives a more detailed snapshot of the research briefly.</li> <li>3. The abstract appears to be comprehensive. It clearly outlines the aim of the study, which is to investigate the effects of traditional fertilizer, nano-fertilizer, and micronutrient on the growth, yield, and quality of tomatoes. The abstract also mentions the parameters used to evaluate these aspects, such as plant height, number of fruits per plant, fruit weight, fruit yield per hectare, total soluble solids (TSS), and ascorbic acid, among others. However, one potential shortcoming is that the abstract does not explicitly state the key findings or conclusions of the study. While it mentions that the results indicate the application of a certain type of fertilizer is beneficial, it doesn't provide specific details about these benefits. Including a summary of the main results and conclusions in the abstract would make it more informative for readers who want to quickly understand the outcomes of the study.</li> <li>4. The abstract appears to be comprehensive. It clearly outlines the aim of the study, which is to investigate the effects of traditional fertilizer, nano-fertilizer, and micronutrient on the growth, yield, and quality of tomatoes. The abstract also mentions the parameters used to evaluate these aspects, such as plant height, number of fruits per plant, fruit weight, fruit yield per hectare, total soluble solids (TSS), and ascorbic acid, among others.</li> <li>5. The study seems to follow a common scientific research structure, starting with a clear objective, describing the materials and methodology used, and intending to provide a conclusion. This structure is a positive sign of a scientifically conducted study.</li> <li>6. The references are sufficient and recent. I don't have any suggestions for additional reference materials.</li> </ol>	
<p><b><u>Minor</u></b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>	<p>The language quality appears to be suitable for scholarly communication. The sentences are coherent, and the terminology used is appropriate for the subject matter.</p>	
<p><b><u>Optional/General</u></b> comments</p>	<p>The abstract clearly states the objective of the study, which is to investigate the effects of different types of fertilizers (traditional, nano, and micronutrient) on the growth, yield, and quality of tomatoes. This gives the reader a clear idea of what to expect from the study. The abstract also mentions the parameters used to evaluate the effects of the fertilizers. This provides a glimpse into the methodology of the study. The language used in the abstract is clear, and the sentences are well-structured, which makes it easy to understand the main points of the study.</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>	No	

**Reviewer Details:**

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