

## Review Form 1.7

Journal Name:	<b>International Journal of Plant &amp; Soil Science</b>
Manuscript Number:	<b>Ms_IJPSS_102699</b>
Title of the Manuscript:	<b>Study of Morphological Qualitative and <b>Quantitative</b> Characterization of Different Traits in Tomato (Solanum lycopersicum L.) Genotypes</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.journalijpss.com/index.php/IJPSS/editorial-policy> )

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**PART 1: Review Comments**

	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)
<p><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li><b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li><b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li><b>Is the abstract of the article comprehensive?</b></li> <li><b>Are subsections and structure of the manuscript appropriate?</b></li> <li><b>Do you think the manuscript is scientifically correct?</b></li> <li><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>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p><b>Is the manuscript important for scientific community?</b> It is very important to the scientific world mainly breeding programmes.</p> <p><b>Is the title of the article suitable?</b> The title of the article is suitable but I wish quantitative was added.</p> <p><b>Is the abstract of the article comprehensive?</b> The abstract of the article is not all that comprehensive because a lot is omitted.</p> <p><b>Are subsections and structure of the manuscript appropriate?</b> The subsections and structure of the manuscript are appropriate but the introduction needs to be considered for more literature review. The views of the authors completely missing.</p> <p><b>Do you think the manuscript is scientifically correct?</b> The authors could have collected data on Quantitative traits as follows:</p> <ol style="list-style-type: none"> <li><u>Vegetative</u> (Leaf size, leaves per plant, stem diameter)</li> <li><u>Inflorescence</u> (number of flowers, any male or female or hermaphrodite flowers, how about sex ration)</li> <li><u>Fruits</u> (weight, number of fruits per plant, fruit length)</li> </ol> <p>The authors could have included some qualitative traits as follows:</p> <ul style="list-style-type: none"> <li>Astringency of the juice</li> <li>Disease incidence</li> <li>Secondary flowering</li> <li>Color</li> <li>Shape etc...</li> </ul> <p>The authors need to include locations and climatic data for the places where genotypes were collected?</p> <p><u>Results and Discussion:</u></p> <ol style="list-style-type: none"> <li>I expected to see a figure of UPGMA showing the relationship among the twenty five tomato genotypes</li> <li>The authors could also presented a figure of Principal component analyses of different populations of tomato using quantitative and qualitative traits</li> </ol>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li><b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>	<p>Yes</p>	
<p><b>Optional/General</b> comments</p>	<p>This is a important manuscript but the author(s) need to</p> <ul style="list-style-type: none"> <li>Bring in their views</li> </ul>	

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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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