

**Review Form 1.7**

Journal Name:	<b>International Journal of Plant &amp; Soil Science</b>
Manuscript Number:	<b>Ms_IJPSS_111710</b>
Title of the Manuscript:	<b>Polygenic Variations and Character Association Study of Tomato (<i>Solanum lycopersicon</i> L.) Genotypes for Yield and Quality Attributes</b>
Type of the Article	

**PART 1: Review Comments**

	<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>
<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><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> <li>The manuscript focuses on studying the genetic variability and character association in tomato genotypes for yield and quality attributes. It emphasizes the importance of understanding genetic parameters and character associations to enhance breeding programs and increase production. The experiment conducted with thirty tomato genotypes revealed significant differences among the traits studied, indicating potential for improvement. High heritability and genetic advance were observed for several traits, suggesting their suitability for selection and improvement. Promising genotypes were identified based on their performance in plant height, fruit number, weight, and yield.</li> <li>The title of article is suitable.</li> <li>The abstract of the article is comprehensive.</li> <li>Subsections and structure of the manuscript are appropriate.</li> <li>The manuscript is scientifically correct.</li> <li>References are sufficient and recent.</li> <li>The software used for statistical significance should be mentioned in manuscript.</li> <li>The grammar should be revised throughout the manuscript.</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>The language/English quality of the article is suitable for scholarly communications.</p>	
<p><b>Optional/General</b> comments</p>	-	

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**PART 2:**

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

**Reviewer Details:**

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