

## Review Form 1.7

Journal Name:	<a href="#">International Journal of Environment and Climate Change</a>
Manuscript Number:	Ms_ IJECC_104074
Title of the Manuscript:	Correlation and path analysis of yield and its contributing traits in sesame (Sesamum indicum)
Type of the Article	Original Research Article

### 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)
<b>Compulsory</b> REVISION comments  1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)  2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)  3. <b>Is the abstract of the article comprehensive?</b>  4. <b>Are subsections and structure of the manuscript appropriate?</b>  5. <b>Do you think the manuscript is scientifically correct?</b>  6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b>  <b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b>	<p>The manuscript is important for the scientific community, especially researchers and breeders working on sesame cultivation and improvement. The study investigates the relationship between yield and various yield-contributing traits in sesame, which can aid in better understanding the genetic factors influencing yield and guide targeted breeding efforts for improved sesame varieties.</p> <p>The title is suitable and accurately reflects the main focus of the research, which is analyzing the correlation and path analysis of yield and its contributing traits in sesame.</p> <p>The abstract provides a concise overview of the study, mentioning key aspects like the importance of sesame, its yield components, and the significance of correlation and path analysis in crop improvement. However, it would be better to include a summary of the main findings and conclusion in the abstract to enhance its comprehensiveness.</p> <p>The manuscript appears to be well-structured with clear subsections</p> <p>The manuscript seems to be scientifically accurate, and the methodology employed (correlation and path analysis) is appropriate for the research objectives. The authors provide statistical analyses and results to support their conclusions.</p> <p>The manuscript includes a few relevant references, and the ones cited are recent (up to 2022). However, the authors could consider including a broader range of references to provide a more comprehensive background and context for their research. Suggesting additional references relevant to the study's scope could strengthen the literature review and improve the manuscript's overall scientific context.</p>	<p>OK</p> <p>Ok</p> <p>Noted</p> <p>Ok</p> <p>Ok</p> <p>Noted</p>
<b>Minor</b> REVISION comments  1. <b>Is language/English quality of the article suitable for scholarly communications?</b>	<p>Yes</p>	
<b>Optional/General</b> comments		

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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>	