

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_104783
Title of the Manuscript:	Deciphering the genetic variability for seed yield components in sesame (Sesamum indicum L.)
Type of the Article	Original Research Article

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

	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>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> The study describe GCV and PCV for selected sesame varieties for yield attributing charaters. The study is important in deciding the characters for improvement in plant improvement programme; while repetition of varieties (plant material) seelcted for study will not be given any addition information. It is accepted that, authors have taken care to avoid such repetition of varieties for study and also have selected one or two varities as a check for effective comparison. Variety wise data is not given. Yes Abstract: Write the percent (quantifiable) variation due to phenotypic and genotypic characters for important parameter rather than general statement about "PCV > GCV"; Enlist few characters with their heritability or genetic gain values rather than enlising all of them having high genetic gain. Yes Yes References: Considering th size of result and data presented in MS, number of ferenences are more; reduce to 15—20 numbers. <p>Introduction:</p> <ul style="list-style-type: none"> Some information need to be provided for the results of findings of earlier study rather than just citing references. Research gap should be specific to the MS not the generalize research gap (For e.g. Location, or type of plant material, or methods/ procedure used or parameters specification, etc.). Avoid the generalize statements as research gap. <p>Material and methods:</p> <ul style="list-style-type: none"> Information crop cultivation/ growing practices need tobe given at least in short. Information agroclimatic condition of the place of experimentation need to be given (Also weather condition duing the period of experimentation need to be given). The reason or justification for selection of varieties need to be given along with name and source of varieties. Mention the type of seed selected (breender, foundatuion or certified seed). <p>Results and discussion:</p> <ul style="list-style-type: none"> Result for Table 1 need to be explained with more details and aldo discussed in more elaborative form (reason of such variations and impact of weather and climate on performace). The vareital variations was not given in result and discussion section. Give the information and table also for varieties also. <p>Conclusion:</p> <ul style="list-style-type: none"> Conclusion should be concise and address the objective; Avoid writing it as result and discussion; Write name and percent GCV and PCV for important charactes and second stateemnt of of name of varieties showing higher GCV and PCV. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 		
<p>Optional/General comments</p>	-	

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PART 2:

	Reviewer's comment	Author's comment <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>
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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