

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_104220
Title of the Manuscript:	Effect of plant geometry and age of the seedlings on growth and yield attributes of mustard (Brassica juncea L.) under system of mustard intensification (SMI)
Type of the Article	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>	<p>1.It is a very informative and good deal of work done by the researcher as mustard (<i>Brassica juncea</i> L)is one of the valuable crop in agriculture sector in India and worldwide. For the knowledge based scientific community as well as for the farmers (in practical field operation)it will be precious technology to yield more mustard with least cost.</p> <p>2.No. Suggested title: Assessment of the system of mustard intensification(SMI) with plant geometry and age of seedling in enhancing growth and yield attributes of mustard (<i>Brassica juncea</i> L.)</p> <p>3.Yes abstract is comprehensive, but some correction in unit of dry matter should be added and significant level as P= should be written. Also the precise conclusion should be included.</p> <p>4. Subsections and structure of the manuscript is appropriate. But some minor corrections are there which are appended below. Rewrite the Introduction to justify and describe the significance and quality of the of the work a) Use separate paragraph in materials and methods for Experimental Site and Weather Conditions, Give a graph of environmental variables during the study period,such as temperature,humidity,rainfall etc.,Where is plate1? Nursery bed preparation, The soil condition such as available nitrogen (KMnO4 oxidizable N 151 kg ha⁻¹), phosphorous(extractable phosphorus kg ha⁻¹),potassium(extractable potassium kg ha⁻¹) of prepared nursery bed should be explained . Experimental design and details of experiment, how many replicates were used per treatment Details of crop mangement and yield attributes Details of analysis of dry matter,if possible add oil cotent /ha etc. b) The formula used to describe yield attributes per ha, and yield efficiency should be described. c) Which statistical package used should be mentioned as well as the least significant differences between the treatments should be mentioned in the table. Although you have given CD. d) When the researcher is using any abbreviation please write the full form first such as (DAS) e) Water use efficiency can be added. In result and discussion section When significant level is used please mention level. Some more references of 2020-23 can be added in introduction and result discussion. In graph mention the attributes in Y axis. When writing dry matter please write the unit as % basis or any thing else. Why T₉ -25 Days + 30 X 30 cm treatment is recommended for cultivationplease justify with results obtained with recent references and economical pint of view. Please rewrite it. Punctuation mark also not correctly used, somewhere in between sentence' .'used as for eg accumulation takes place. 5.Yes manuscript is scientifically correct 6.Some references in running text is not there in the reference list such as Kumar <i>et al.</i> (2017), Hosseini <i>et al.</i> (2006), Mamun <i>et al.</i> (2014) Das <i>et al.</i> (2019) and so many. Please include all the references as per journal format. Further some references are not related with the plant species, try to justify with relaed work, so many are there.As for eg Fatematuzzohora <i>et al.</i> (2020). I suggest the researcher to incorporate the corrections carefully for betterment of the publication.</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>English should be coherent and be improved.</p>	

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Optional/General 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>	

Reviewer Details:

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