

## Review Form 1.7

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_96533</b>
Title of the Manuscript:	<b>Thermal requirement, heat and radiation use efficiency of kharif soybean in middle Gujarat region as influenced by cultivars and plant geometry</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.journalijecc.com/index.php/IJECC/editorial-policy> )

### **PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>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>
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>1-Yes. The efficiencies of heat and radiation use in terms of dry matter accumulation or yield are aspects that have a great practical application for crops. The present experimental study was conducted to find out the thermal requirement of different soybean cultivars and the possible impact of plant geometry on heat and radiation use efficiency".</p> <p>2-Yes</p> <p>3-ABSTRACT: I recommend in this first paragraph to briefly mention the purpose of the study, for example "The present study proposes to evaluate the thermal requirements, heat use efficiency and radiation in kharif soybean crops in the central region of Gujarat, depending on the geometry of the plant."</p> <p>4-Yes</p> <p>5-Yes</p> <p>- I recommend reviewing the references, and modifying as indicated in the authors' guide: "References must be listed at the end of the manuscript and numbered in the order that they appear in the text. Every reference referred in the text must also present in the reference list and vice versa. In the text, citations should be indicated by the reference number in brackets [3]."</p> <p>- I recommend including tables and figures as indicated in the authors' guide: "Tables &amp; figures should be placed inside the text. Tables and figures should be presented as per their appearance in the text."</p> <p>- CONCLUSION: I recommend including a paragraph like this here: "The efficiencies of heat and radiation use in terms of dry matter accumulation or yield are aspects that have a great practical application for crops. The present experimental study was conducted to find out the thermal requirement of different soybean cultivars and the possible impact of plant geometry on heat and radiation use efficiency".</p> <p>6- I recommend reviewing the references, and modifying as indicated in the authors' guide: E.g. for Published paper:1. Hilly M, Adams ML, Nelson SC. A study of digit fusion in the mouse embryo. Clin Exp Allergy. 2002;32(4):489-98. See: <a href="https://journalijecc.com/index.php/IJECC/about/submissions#authorGuidelines">https://journalijecc.com/index.php/IJECC/about/submissions#authorGuidelines</a></p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Yes. I include in the manuscript corrections of spacing, format and etc. They are included in the manuscript, with "change control" mode.</p>	
<p><b>Optional/General</b> comments</p>		

### **PART 2:**

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

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