

Journal Name:	<a href="#">Asian Journal of Current Research</a>
Manuscript Number:	Ms_AJOCR_12552
Title of the Manuscript:	<b>Investigation of various physiological and yield characteristics for terminal heat stress in Indian Mustard (Brassica juncea)</b>
Type of the Article	

### **General guidelines for the Peer Review process:**

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**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	Reviewer's comment	<b>Author's Feedback</b> ( <i>Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here</i> )
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>This manuscript is important as it evaluates the impact of terminal heat stress on Indian mustard, identifying heat-resilient genotypes like RH-30 and Rajshree, which are crucial for breeding climate-adaptive crops. Its focus on physiological and yield parameters under changing environmental conditions addresses pressing challenges in sustainable agriculture.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Physiological and Yield Responses of Indian Mustard (Brassica juncea) to Terminal Heat Stress."</p> <p>This revised title maintains the core focus while being succinct and emphasizing the study's main themes.</p>	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p><b>The abstract of the article is simple but covers almost all important aspects of the manuscript.</b></p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes the subsections are appropriate</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>The manuscript is scientifically robust due to its well-structured experiments, thorough methodology, and reliable statistical analysis. It effectively uses key physiological and yield parameters to identify heat-tolerant mustard genotypes, supported by relevant literature.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>The references are okay for this manuscript</p>	

<p>Minor REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>The language of the article is generally suitable for scholarly communication, but it could benefit from some refinement for clarity and grammatical precision. While the technical terms and explanations are appropriate, minor issues such as sentence structure, word choice, and occasional redundancy should be addressed to improve readability and professionalism.</p>	
<p><b>Optional/General</b> comments</p>	<p>Based on the provided manuscript, there do not appear to be any ethical issues in this manuscript.</p>	

**PART 2:**

	<p><b>Reviewer's comment</b></p>	<p><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>
<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>	

**Reviewer Details:**

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<p>Department, University &amp; Country</p>	<p><b>Texas A&amp;M University-Commerce, USA</b></p>