

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_124556
Title of the Manuscript:	Dissection of Genetic Parameters for Enhancing Yield and Yield Components in Indian Mustard (<i>Brassica juncea</i> L.)
Type of the Article	

PART 1: Review Comments

<u>Compulsory</u> REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
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.	This study provides crucial insights into the genetic variability and heritability of key traits in Indian mustard, emphasizing the potential for significant genetic gains through targeted breeding strategies. By identifying traits with high heritability and genetic advance, the research underscores the importance of strategic selection to improve both yield and stress tolerance in <i>Brassica juncea</i> .	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	No	
Are subsections and structure of the manuscript appropriate?	Yes	
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.	This demonstrates scientific robustness by thoroughly evaluating genetic variability and heritability across multiple traits in a 14 samples of mustard genotypes, using established metrics and rigorous statistical analysis. The identification of traits with high heritability and genetic advance supports the potential for effective breeding strategies, making the findings relevant and credible for enhancing yield and stress tolerance in <i>Brassica juncea</i> .	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Few references are very old, those need to be changed	
<u>Minor</u> REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Yes	
<u>Optional/General</u> comments	The data in the table has been represented in the graph, either maintain the table or graph don't duplicate it, also there are some very old references, change those.	

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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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