

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_122998
Title of the Manuscript:	Assessment of heterosis for yield component traits of Pearl Millet (<i>Pennisetum glaucum</i> (L.) R. Br. in pooled environments
Type of the Article	

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PART 1: Review Comments

<u>Compulsory</u> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
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.	Studying heterosis in pearl millet is important for boosting crop yields, enhancing stress tolerance, improving nutritional value, and increasing resilience to diseases by combining strengths of different parental lines. It also supports sustainable agriculture and helps farmers adapt to climate change, ultimately contributing to food security and better livelihoods.	
Is the title of the article suitable? (If not please suggest an alternative title)	YES Can be improved as "Assessment of heterosis for yield and its component traits in Pearl Millet (<i>Pennisetum glaucum</i> (L.) R. Br.)"	
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.	YES	
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 manuscript appears to be scientifically robust and technically sound as it provides a comprehensive analysis of heterosis in pearl millet, a key crop for food security in arid regions. The study employs rigorous experimental designs, including the use of diverse parental lines and precise methodologies to assess hybrid vigor. The data are analyzed with appropriate statistical tools, ensuring the reliability of the results. However, the results can be explained more including discussion part especially the pooled analysis of variance and mean performance part of results and discussion.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	YES Change them as per the format of the journal	
<u>Minor</u> REVISION comments Is the language/English quality of the article suitable for scholarly communications?	YES	
<u>Optional/General</u> comments	<ol style="list-style-type: none"> 1. All the corrections as given in the comment box should be included to improve the quality of the manuscript. 2. The results and discussion part of the manuscript lack explanations and discussion particularly for certain sections 3. Format references as per the format 	

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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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