

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_128820
Title of the Manuscript:	Estimation of Heterosis for Yield and Quality Traits in Pearl millet [Pennisetum glaucum (L.) R. Br.]
Type of the Article	

PART 1: 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. A minimum of 3-4 sentences may be required for this part.	This manuscript provides a detailed evaluation of heterosis in pearl millet, focusing on grain and fodder yield, as well as micronutrient content. The study is scientifically robust and relevant, addressing the critical need for enhanced crop productivity and nutritional quality in arid regions. It contributes valuable information for breeding programs aiming at hybrid development and genetic improvement in pearl millet. The use of a line x tester design is appropriate for the objectives, and the results have practical implications for commercial exploitation.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, the title accurately reflects the content of the manuscript. No change is needed.	
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.	The abstract is clear and provides sufficient detail about the objectives, methodology, and findings. However, it could be slightly streamlined by reducing detailed numbers and focusing on key findings.	
Is the manuscript scientifically, correct? Please write here.	Yes, the manuscript is scientifically sound and well-structured. The statistical analyses are appropriate for the study design.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are mostly recent and relevant. Additional references on heterosis in pearl millet from the last three years could strengthen the discussion.	
Is the language/English quality of the article suitable for scholarly communications?	The language is generally clear, but some sentences could be rephrased for better readability. Minor grammatical corrections are needed.	
Optional/General comments	A graphical summary of the key results, such as a bar chart comparing top-performing hybrids, could enhance the visual appeal of the manuscript.	

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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>	

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