

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_123711
Title of the Manuscript:	Assessment of terminal heat stress tolerance in doubled haploids derived from synthetic hexaploid wheat (Triticum aestivum L.) using genetic variability and PCA-based cluster analyses
Type of the Article	

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

Compulsory 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.	wheat is vital for developing climate-resilient varieties. By leveraging genetic variability and PCA-based cluster analyses, researchers can identify key traits for heat tolerance, enhancing breeding strategies. This approach helps stabilize yields in changing climates, ensuring food security and supporting farmers.	
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.	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.	It leverages genetic variability to identify stress-resistant traits and employs PCA-based cluster analyses to effectively group genotypes. This integrated approach enhances breeding strategies for developing resilient wheat varieties under climate stress, ensuring improved yield stability.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Plases add some recent references	
Minor REVISION comments	Yes	
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments		

PART 2:

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

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