

Review Form 3

Journal Name:	Biotechnology Journal International
Manuscript Number:	Ms_BJI_130998
Title of the Manuscript:	Morpho-Physiological Adaptations of Sorghum to Drought: Implications for Biomass Production and Grain Yield
Type of the Article	Original Research Article

PART 1: Comments

	Reviewer's comment Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.	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. A minimum of 3-4 sentences may be required for this part.	This manuscript is crucial for the scientific community as it highlights key traits like stay-green, green leaf area, and relative water content that contribute to sorghum's drought resilience. The findings provide valuable guidance for breeding programs aimed at developing climate-resilient sorghum cultivars, enhancing food security in arid and semi-arid regions. This research deepens our understanding of plant responses to environmental stressors, making it a valuable addition to agronomy and plant breeding.	Acknowledged
Is the title of the article suitable? (If not please suggest an alternative title)	No	The article title has been revised to suit the objectives and findings of the study
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.	Not much, addition of “out” I had done single word correction in track changes	All corrections have been accepted
Is the manuscript scientifically, correct? Please write here.	Yes	Acknowledged
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	Acknowledged
Is the language/English quality of the article suitable for scholarly communications?	Yes	Acknowledged
<u>Optional/General</u> comments	I've added some comments suggesting the inclusion of information about the statistical packages used in R Studio, such as ggplot2 and Agricole. Additionally, please provide the versions of the software used, if available. Thank you for considering this.	The suggestions on addition of the versions and packages of R used in the study has been considered and corrections effected

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)	