

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_123947
Title of the Manuscript:	Impact of soil moisture status, mulching and spacing on yield and water productivity in irrigated Elephant foot yam (<i>Amorphophallus paeoniifolius</i>)
Type of the Article	

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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.	This manuscript is important for the scientific community as it provides insights into optimizing soil moisture, mulching, and spacing practices to enhance yield and water productivity in Elephant Foot Yam cultivation. The findings can contribute to sustainable agricultural practices, water conservation, and improved crop management, particularly in water-scarce regions.	
Is the title of the article suitable? (If not please suggest an alternative title)	Can you change title to Optimizing Soil Moisture, Mulching, and Spacing for Yield and Water Productivity in Irrigated Elephant Foot Yam (<i>Amorphophallus paeoniifolius</i>) .	
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.	Abstract of the article is comprehensive	
Are subsections and structure of the manuscript appropriate?	Yes, However Acknowledge and conflict of interest is miss	
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 is scientifically robust and technically sound because it investigates critical agronomic factors-soil moisture, mulching, and spacing—using a systematic approach to determine their impact on yield and water productivity in Elephant Foot Yam. The findings are grounded in empirical data, offering practical applications for sustainable agriculture and efficient water use, especially in water-limited environments.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Sufficient but some references are outdated	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	Treatment x Environment interaction are absent in study. References should be according to journal format	

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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Reviewer Details:

Name:	Mahaveer Prasad Ola
Department, University & Country	Vivekananda Global University, India