

**Review Form 1.7**

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_108031</b>
Title of the Manuscript:	<b>Influence of seed priming and growing medium on germination and seedling vigour of Tamarind (Tamarindus indica L.)</b>
Type of the Article	<b>Original Research Article</b>

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**PART 1: Review Comments**

	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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. <b>Yes, the manuscript is important for the scientific community, it gives specific important attributes on tamarind germination and growth performance under different conditions. The findings totally support established literature that 1. Tamarind is a hardy specie able to germinate and grow howbeit differently in varying growth conditions. The authors however need to add information to the effect that tamarind can generally germinate even in extreme hard conditions even with no specific germination and growth condition enhancements. The authors also made very little or no attempt to give a brief literature on the range of natural habitats and naturally habitat conditions under which tamarind is found growing naturally and or planted globally. Some of the citations by the authors though important are, very old, the authors can try to keep within publications about tamarind of the last 15 years.</b></p> <p>2. <b>Yes, the title of the article is suitable</b></p> <p>3. <b>Yes, within the scope of the authors' study, the abstract is sufficient.</b></p> <p>4. <b>Yes, the structure and subsection of the manuscript are appropriate However, the authors need to consider enhancing the introduction section by giving a brief literature on the range of habitats and habitat conditions under which tamarind is found growing naturally and or planted globally. There is also a publication that has shown that it may be possible that morphological variations in tamarind may be related to genetic diversity hence authors need in their methodology to state clearly whether the seeds used in the study came from the same mother trees or different ones.</b></p> <p>5. <b>Yes, the manuscript is scientifically acceptable, the methods can be repeated and findings verified. However, the authors need to improve their methodology and introduction/literature review section as I have recommenced in 4 above. I have no doubt the authors' findings are correct, I am totally knowledgeable about tamarind germination and growth performance variability with different laboratory treatments and even natural climatic conditions in wild habitats and on-farms or planted areas.</b></p> <p>6. <b>Some of the authors references though important are too old, the authors need to keep within publications of the last twenty years.</b></p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Yes, the language quality of the article is suitable for scholarly communications</p>	
<p><b>Optional/General</b> comments</p>		

**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)
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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