

Review Form 3

Journal Name:	Archives of Current Research International
Manuscript Number:	Ms_ACRI_125372
Title of the Manuscript:	Biochemical changes in germination attributes of Indian Sandalwood (<i>Santalum album</i> L.) seeds subjected to biopriming techniques and variable post-priming storage
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)
<p>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.</p>	<p>This manuscript offers valuable insights into the conservation of Indian Sandalwood, an endangered species, by exploring biopriming techniques to enhance seed germination and viability. The study's focus on biochemical changes during post-priming storage adds to the scientific understanding of how various biopriming agents impact seed health over time. The findings, particularly regarding the efficacy of <i>Pseudomonas fluorescens</i> and Effective Microorganisms under different storage durations, provide crucial information for developing effective conservation strategies. I appreciate the manuscript for its practical implications in seed conservation and the detailed analysis of biochemical responses, which could help optimize storage methods for other endangered plant species as well.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>YES</p>	
<p>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.</p>	<p>YES</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>YES</p>	
<p>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.</p>	<p>This manuscript is scientifically robust due to its clear methodology, including the use of control (hydropriming) and multiple biopriming agents. The detailed analysis of biochemical changes and enzyme activity offers a comprehensive understanding of seed viability. Well-documented procedures ensure replicability, making the research valuable for conservation and seed biology studies.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>I suggest adding some recent references to ensure the work reflects the latest advancements in biopriming and seed conservation.</p>	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>YES</p>	
<p>Optional/General comments</p>	<p>-</p>	

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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>	

Reviewer Details:

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