

### Review Form 3

Journal Name:	<a href="#">Journal of Advances in Biology &amp; Biotechnology</a>
Manuscript Number:	Ms_JABB_127237
Title of the Manuscript:	The combined effect of Arbuscular Mycorrhizal Fungi and Arsenic doses on Oxidative stress of <i>Leuceana leucocephala</i> in Nursery
Type of the Article	

#### 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.	Manuscript has been made with proper scientific view, however there are some spelling mistakes which is need to be rectified. This work clarifies the role of AM fungi during heavy metal stresses. Few more references to show the similarity in the results, especially related with biochemical contents be added to make it more precise. In the title the name of <i>Leuceana leucocephala</i> must be incorporated with its authority after the scientific name	
Is the title of the article suitable? (If not please suggest an alternative title)	Title is perfect	
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 is well written. Line no 2 the spelling of 'react to As stress'. Where the a is capital in the word as which need to be changed to small.	
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.	In the introduction section the concept of stress is properly written. The types of different stress and the stress control mechanism of the plants has also mentioned well. However, there was need to write something in this section at the end at least one paragraph which would highlight the efficiency of AM fungi in the control of stress.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	References are cited well but I would suggest to add following reference in relation with chlorophyll content 1) Kishor Bhosale, Bharat Shinde Effect of AM fungi during salt stress on biochemical content in Ginger ( <i>Zingiber officinale</i> Rosc.) Journal of Experimental Biology and Agricultural Sciences ISSN No. 2320 – 8694 April - 2023; Volume – 11(2) page 297 – 305 DOI: <a href="http://dx.doi.org/10.18006/2023.11(2).297.305">http://dx.doi.org/10.18006/2023.11(2).297.305</a> 2) Bhosale K. S., S. T. Kale and A. S. Limaye. Studies on influence of AM fungi and some organic fertilizers on growth and biochemical content in <i>Allium cepa</i> L. <i>International Journal of Botany Studies</i> Volume 5; Issue 5; 2020; Page No. 104-109, ISSN: 2455-541X	

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Minor REVISION comments	Language is appropriate but just need to rectify the spelling mistakes if any.	
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments	Nil	

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)	

Reviewer Details:

Name:	Kishor Suresh Bhosale
Department, University & Country	Savitribai Phule Pune University, India