

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_123046
Title of the Manuscript:	Biochemical characterization of grape germplasm from Leh grown under tropical condition of India
Type of the Article	

General guidelines for the Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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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.	The work emphasizes on the important grapes germplasm from temperate area which can be suitable for tropical growing areas. The morphological and biochemical characterization was done appropriately.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	Yes. It is comprehensive	
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.	The methodology is well-designed, with appropriate biochemical analyses conducted to evaluate key parameters such as antioxidant activity, phenolic content, and other relevant biochemical markers. The data are rigorously analyzed, providing clear evidence of the grape germplasm's performance under these specific conditions.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	References are sufficient and covers recent work	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	<ol style="list-style-type: none"> 1. Need to re-do the graphical abstract. The graphical abstract does not over the fact that the germplasm was collected from Leh. Therefore, kindly at step 1 include germplasm collection then proceed with remaining steps. 2. As the research was conducted in 2022-2024, district Leh comes in Ladakh U.T, therefore instead of J&K use Ladakh. 3. In the material & methods mention the reason of using "Dogridge" variety for rootstock 4. Mention citations for the software 5. Check the production data of grapes. Ambiguity in the production data cited according to the reference [16, NHB] URL mentioned for the website is also not found. 6. Under the sub heading Cluster analysis, while writing the description the fig no. has been mentioned as (fig. 1) instead of (fig. 3). 	

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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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