

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_122923
Title of the Manuscript:	Association between physico-biochemical parameters of Ber (Ziziphus mauritiana Lamk.) cv. Umran under cold storage
Type of the Article	Original Research 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 <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
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 makes a significant contribution to the fields of agriculture and food engineering, as it focuses on the relationship between the physical and biochemical properties of ber fruit (<i>Ziziphus mauritiana</i>) under cold storage conditions. The importance of the study lies in providing valuable information on how to improve the quality of the fruit after harvest using specific chemical treatments, which can lead to improved storage strategies and increased fruit shelf life. This topic is of great importance to the scientific community as it contributes to the development of more effective and sustainable agricultural technologies.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, the article's title is appropriate because it accurately reflects the study's content and purpose.	
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.	The article's abstract is comprehensive and covers the objectives, methodology, key results, and conclusion. However, it could be improved by adding more details about the methodology used, such as the type of chemical treatments, the concentrations applied, and their effects on the specific properties of the fruits. Additionally, including information on the experimental design, the number of replicates, and the statistical analysis methods used for the results would be beneficial.	
Are subsections and structure of the manuscript appropriate?	Yes, the sub-sections and structure of the manuscript are appropriate and well-organized, making it easy for the reader to follow the ideas and results. The manuscript contains main sections such as the introduction, experimental details, results and discussion, and conclusion, which are organized in a scientific manner that enhances the understanding of the topic	
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 manuscript is scientifically robust and technically sound because it relies on a well-designed research framework that includes an experiment with various treatments and a completely randomized block design. Additionally, advanced statistical analyses such as correlation and simple linear regression add credibility to the results and strengthen their scientific value. The use of precise measurement tools and reliable criteria enhances the validity of the results and makes them reproducible in future studies	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references used are generally sufficient and up-to-date, but the research could be strengthened by adding additional references on the impact of chemical treatments on fruit quality and their environmental effects, particularly those published in the last five years.	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The quality of the English language in the article is suitable for scientific communication. Some phrases could be refined to make the text smoother and more precise, but overall, the language is clear and understandable	
Optional/General comments		

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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>	

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