

Review Form 1.7

Journal Name:	Journal of Advances in Microbiology
Manuscript Number:	Ms_JAMB_114493
Title of the Manuscript:	Morphological, cultural characteristics of post-harvest diseases in onion and its management through bio-agents
Type of the Article	Original Research Article

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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><u>Compulsory</u> REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The manuscript appears to hold importance for the scientific community, particularly within the field of plant pathology and agricultural science. The manuscript identifies major pathogens responsible for post-harvest bulb rot in onions, namely <i>Aspergillus niger</i>, <i>A. flavus</i>, and <i>Fusarium oxysporum</i> f. sp. <i>cepae</i>. The manuscript investigates the cultural characteristics of these pathogens on various media, providing valuable insights into their growth and sporulation patterns. By exploring the use of bio-agents for managing post-harvest diseases in onions, the manuscript offers practical solutions for farmers and agricultural practitioners. Onions are a significant vegetable crop cultivated globally. The information provided in the manuscript can help onion growers identify and mitigate post-harvest disease risks, ultimately improving crop yield and quality. The manuscript adds to the body of knowledge regarding onion diseases and their management, filling gaps in understanding and providing a foundation for further research in this area.</p> <p>The title appears suitable as it accurately represents the content of the manuscript, includes key concepts relevant to the research, and is clear and concise.</p> <p>The abstract follows a logical structure by first providing background information on onions, then discussing the pathogens responsible for bulb rot, their cultural characteristics, and finally, the conclusions of the research. However, it could benefit from a more concise and structured presentation to improve readability.</p> <p>The structure of the manuscript follows a logical flow, beginning with background information in the "Introduction," followed by detailed descriptions of the methods used in the "Materials and Methods" section. The "Result and Discussion" section presents the findings of the research, organized according to the different pathogens studied and the evaluation of bio-agents. Finally, the "Conclusion" section summarizes the key findings and implications of the research.</p> <p>The manuscript appears scientifically accurate, as it aligns with established botanical and microbiological knowledge regarding onions and their associated pathogens.</p> <p>While the list of references is extensive and covers a range of sources, it may benefit from a greater emphasis on recent literature to ensure the most up-to-date information is included. Additionally, ensuring that the references are comprehensive and cover a diverse range of relevant studies will further enhance the scientific credibility of the manuscript.</p> <p>The introduction provides essential background information on onions and post-harvest diseases, but it could benefit from citing more bibliographic sources to support the information presented. To facilitate analysis and understanding, it is suggested that the images be enlarged so that interested readers can easily examine them. Larger images will increase the clarity and detail of the visual representations, allowing a more comprehensive interpretation of the research results.</p>	

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Minor REVISION comments		
1. Is language/English quality of the article suitable for scholarly communications?	The language and English quality of the article meet the standards expected for scholarly communications in the field of agriculture, specifically in plant pathology and microbiology.	
Optional/General comments		

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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