

Review Form 1.7

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_117468
Title of the Manuscript:	Global challenges facing plant pathology: A review on multidisciplinary approaches to meet the food security
Type of the Article	

General guideline for 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 guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journaljsrr.com/index.php/JSRR/editorial-policy>)

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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>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The manuscript addresses significant global challenges in plant pathology, specifically focusing on how climate change impacts plant disease pressures, biogeography of pathogens, and implications for agriculture and food security. It is crucial for the scientific community as it integrates multidisciplinary approaches to mitigate plant diseases, emphasizing eco-evolutionary theories and policy interfaces for sustainable management.</p> <p>The title "Global challenges facing plant pathology: A review on multidisciplinary approaches to meet the food security" is somewhat broad. A more precise title could be "The Impact of Climate Change on Plant Pathology: Multidisciplinary Approaches for Enhancing Food Security."</p> <p>The abstract provides a detailed overview of the manuscript, highlighting the main issues, such as the effects of climate change on plant diseases and the need for multidisciplinary approaches to mitigate these effects. However, it could be more concise. For instance, the abstract could be streamlined to focus on the key findings and recommendations without repetitive phrases.</p> <p>The subsections and structure are generally appropriate, covering various aspects such as the introduction, effects of climate change on plant diseases, and management strategies. However, some sections, like "How to treat plant diseases rationally and ecologically," could be broken down further into more focused subsections to enhance readability and clarity.</p> <p>The manuscript appears to be scientifically sound, with extensive references and a thorough review of current research. However, there are a few areas that require more robust evidence or clarification, particularly in the sections discussing the implementation of proposed management strategies.</p> <p>The references are extensive and cover a wide range of relevant studies. However, some references are relatively old. It would be beneficial to include more recent studies from the last five years to ensure the manuscript reflects the latest research developments in plant pathology and climate change.</p> <p>Specific Comments:</p> <ol style="list-style-type: none"> Abstract: Streamline the abstract to focus on key findings and recommendations. Avoid repetitive phrases. Introduction: The introduction effectively sets the context. However, it could benefit from a clearer outline of the manuscript's objectives. Management Strategies: The section "How to treat plant diseases rationally and ecologically" is comprehensive but could be broken down into more specific subsections, such as "Resistance Management," "Avoidance Strategies," "Elimination Strategies," and "Integrated Approaches." References: Ensure references are up-to-date. Include more recent studies from the past five years. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>The language and English quality of the article are generally suitable for scholarly communication. The manuscript uses technical terms and concepts appropriately, which is essential for conveying complex scientific ideas effectively. However, there are a few areas where improvements can be made to enhance readability and clarity.</p>	

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Optional/General comments	Minor REVISION Comments: (1) Ensure consistency in the use of terms such as "plant disease," "pathogens," and "climate change impacts." (2) Proofread for grammatical errors and improve the flow of sentences for better readability. (3) Include diagrams or tables where possible to illustrate complex concepts and data more effectively. Overall Recommendation: The manuscript provides a valuable review of the impact of climate change on plant pathology and suggests multidisciplinary approaches to address these challenges. With minor revisions for clarity, conciseness, and updated references, it will be a significant contribution to the scientific community.	
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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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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