

Journal Name:	Asian Journal of Plant and Soil Sciences
Manuscript Number:	Ms_AJOPSS_12606
Title of the Manuscript:	Contributions of digital in modern plant pathology in Africa
Type of the Article	Review Article

PART 1: 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>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.</p>	<p>This manuscript is a significant contribution to the scientific community, particularly in the field of modern plant pathology in Africa. By showcasing how digital tools, such as imaging technologies, data analytics, and machine learning, can enhance the diagnosis, monitoring, and management of plant diseases, it opens new avenues for agricultural innovation. The integration of digital platforms with practical farming solutions provides tools for tackling region-specific challenges, ensuring improved crop health and food security. Furthermore, the study highlights the transformative potential of technology in empowering researchers, policymakers, and farmers, fostering collaboration and advancing sustainable agricultural practices in resource-constrained environments.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title, "Contributions of digital in modern plant pathology in Africa," is descriptive and relevant to the article's content, as it highlights the focus on digital tools and their applications in plant pathology within the African context. it could be refined for clarity and impact. <input type="checkbox"/> "The Role of Digital Technologies in Advancing</p>	

	<p>Plant Pathology in Africa" <input type="checkbox"/> "Harnessing Digital Tools for Modern Plant Disease Management in Africa"</p>	
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<p>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.</p>	<p>The abstract provides a good overview of the manuscript, focusing on the role of digital technologies in plant disease diagnosis, data analysis, and their potential to improve agricultural productivity in Africa.</p> <p>Suggestions for Improvement:</p> <ol style="list-style-type: none">1. Objective Statement: Add a clear statement summarizing the research objectives, such as exploring the current advancements and challenges in digital plant pathology in Africa.2. Key Findings: Include a brief mention of specific results or insights discussed in the manuscript, such as the success of specific tools or methodologies (e.g., mobile apps or remote sensing).3. Challenges: Consider adding a sentence about the challenges (e.g., limited infrastructure or digital literacy), which are discussed in the manuscript.4. Conclusion/Implications: Provide a conclusive statement about the broader significance of the findings, such as their contribution to sustainable agriculture. <p>Suggested Revision: Diagnosing plant diseases is a complex process that blends science and intuition. The integration of digital technologies, including machine learning, AI, and mobile applications, offers significant opportunities for plant pathology research and practice in Africa. These tools enable the efficient processing of large datasets, timely disease diagnosis, and precision agriculture, enhancing productivity and food security. However, challenges such as limited access to technology and digital literacy persist. This study explores current advancements, challenges, and the potential of digital tools to transform plant pathology in Africa, paving the way for innovative, sustainable agricultural practices. This revision improves clarity, adds focus, and makes</p>	
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	<p>the abstract more comprehensive and balanced.</p>	
<p>Is the manuscript scientifically, correct? Please write here.</p>	<p>Based on the provided content of the manuscript, it appears to be scientifically correct, as it references credible sources, applies established scientific methodologies, and discusses digital tools in plant pathology with a focus on Africa. It includes citations from reputable journals, organizations like FAO and IFAD, and recent research studies, which strengthen its credibility.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>The references in the manuscript appear to be a mix of older foundational works and more recent sources, which is generally appropriate for a scientific article. However, to fully assess their sufficiency and relevance, the following points should be considered: Potential Areas for Improvement:</p> <ul style="list-style-type: none"> □ More Recent References: While there are some 2021 and 2022 sources, a greater proportion of references from the past 5–7 years would enhance the manuscript's relevance, particularly for a technology-focused topic. □ Diversity of Sources: Many references appear to come from institutional reports (e.g., FAO, IFAD) and regional studies. Including more peer-reviewed journal articles would strengthen the scientific rigor. □ Critical Updates: Some topics, such as AI, machine learning, and digital platforms, are rapidly evolving. Ensure the references for these areas reflect the latest advancements. <p>Recommendations:</p> <ol style="list-style-type: none"> 1. Expand the Literature Search: Include more recent peer-reviewed studies (post-2018) on digital tools in plant pathology, especially those showcasing applications in Africa. 2. Balance Foundational and Recent Works: Retain older foundational references but complement them with the latest research to bridge historical context and current advancements. 	

	<p>3. Focus on Technology-Specific Updates: Seek recent studies on the specific technologies discussed, such as smartphone apps, remote sensing, and AI.</p>	
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<p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The manuscript demonstrates a good grasp of English and communicates its ideas clearly.</p>	
<p><u>Optional/General</u> comments</p>	<p>Areas for Improvement:</p> <ol style="list-style-type: none"> 1. Abstract and Title: While the abstract provides a good overview, it can be more comprehensive by including specific findings and implications. The title could also be refined for better clarity and impact. 2. Scientific Depth: Some sections (e.g., challenges of digital adoption or the efficacy of specific tools) could benefit from deeper analysis or critical evaluation. 3. Language and Style: The manuscript's language is clear but requires further refinement to meet scholarly standards. Eliminating redundancies and ensuring consistency in tone and terminology would enhance readability. 4. References: While adequate, the references can be updated to include more recent and peer-reviewed studies to strengthen the manuscript's foundation. <p>General Suggestions:</p> <ol style="list-style-type: none"> 1. Add Specific Results: Include quantitative or qualitative results where applicable, especially if the manuscript draws on original research or case studies. 2. Discuss Broader Implications: While the manuscript focuses on Africa, it could briefly address how its findings might contribute to the global field of plant pathology. 3. Streamline the Structure: Ensure that each section builds cohesively on the previous one, avoiding repetition while emphasizing key points. 4. Highlight Future Directions: Adding a section or paragraph on future research opportunities or recommendations for technology adoption in plant pathology could enhance the manuscript's relevance. 	

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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