

### Review Form 3

Journal Name:	<a href="#">Asian Journal of Research in Botany</a>
Manuscript Number:	Ms_AJRIB_125273
Title of the Manuscript:	The Growing Role of Artificial Intelligence in Plant Science
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:

<https://r1.reviewerhub.org/general-editorial-policy/>

#### **Important Policies Regarding Peer Review**

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Benefits for Reviewers: <https://r1.reviewerhub.org/benefits-for-reviewers>

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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>
<b>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.</b>	This manuscript is valuable for showcasing AI's impact on plant science, offering insights into improving agriculture and sustainability. However, it lacks practical examples and in-depth discussion of challenges, which reduces its applicability. While the topic is relevant, missing details and visuals limit its overall impact.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>		
<b>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.</b>	While the abstract mentions the applications of AI in areas like crop monitoring and disease detection, it does not provide specific examples or real-world use cases. Including one or two practical examples of how AI is being applied in agriculture would make the abstract more compelling and informative.	
<b>Are subsections and structure of the manuscript appropriate?</b>	Yes	
<b>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.</b>	<ol style="list-style-type: none"> <li>1. Review the manuscript to ensure the content reflects original insights rather than relying solely on AI-generated text.</li> <li>2. Add tables and figures to support key points, such as visualizing data, summarizing key findings, or showing AI's impact on plant science.</li> <li>3. Incorporate real-world case studies or examples to ground the theoretical discussion in practical applications.</li> <li>4. Expand the sections on ethical considerations and challenges, offering a more critical and nuanced view of AI's integration into plant science.</li> </ol>	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	Update the references to include more recent studies, reflecting the latest advancements in the field.	
Minor REVISION comments		
<b>Is the language/English quality of the article suitable for scholarly communications?</b>	<ol style="list-style-type: none"> <li>1. Address the formatting issues, including reducing excess line breaks between paragraphs and italicizing et al. consistently.</li> <li>2. Conduct a thorough grammar and language review, particularly by simplifying long sentences to improve readability.</li> </ol>	
Optional/General comments	Major Revisions Required.	

#### 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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

#### Reviewer Details:

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