

Review Form 3

Journal Name:	Asian Journal of Research in Botany
Manuscript Number:	Ms_AJRIB_125273
Title of the Manuscript:	The Growing Role of Artificial Intelligence in Plant Science
Type of the Article	Review

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 (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
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.	It is quite important to the scientific community in the present context.	
Is the title of the article suitable? (If not please suggest an alternative title)	suitable	
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.	Quite ok, but some of the numeric results may be incorporated	
Are subsections and structure of the manuscript appropriate?	Structure is good, but few schematic or pictorial illustration will be better. Please add some visuals for better understanding.	
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.	Try to focus on the technological details with some bibliometric study to strengthen the manuscript. Add some tables.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. -	Few more recent references may be inserted, here are some of the suggestions: Padhiary, M. The Convergence of Deep Learning, IoT, Sensors, and Farm Machinery in Agriculture: In <i>Advances in Business Information Systems and Analytics</i> ; Thandekkattu, S. G., Vajjhala, N. R., Eds.; IGI Global, 2024; pp 109–142. Padhiary, M.; Barbhuiya, J. A.; Roy, D.; Roy, P. 3D Printing Applications in Smart Farming and Food Processing. <i>Smart Agric. Technol.</i> 2024, 9, 100553. Padhiary, M.; Kumar, R. Enhancing Agriculture Through AI Vision and Machine Learning: The Evolution of Smart Farming. In <i>Advances in Computational Intelligence and Robotics</i> ; Thangam, D., Ed.; IGI Global, 2024; pp 295–324.	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Please try to reduce the AI generated LLM texts.	
Optional/General comments		

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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