

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_128203
Title of the Manuscript:	Leveraging Machine Learning Techniques in Agriculture: Applications, Challenges, and Opportunities
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>
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.	Machine learning has a transformative potential in agriculture, offering solutions to increase productivity, sustainability, and efficiency. However, its full potential can only be realized by addressing challenges related to data quality, infrastructure, scalability, and trust. By leveraging opportunities such as personalized farm insights, resource optimization, and better crop breeding, the agricultural sector can move toward a more sustainable and resilient future.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	Yes	
Is the manuscript scientifically, correct? Please write here.	Yes	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	
Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	The quality of writing is exceptional – the authors present complex concepts in a manner that is both engaging and understandable, without compromising the academic rigor. The practical implications discussed are also noteworthy, and I believe the recommendations will be of great use to researchers. In conclusion, this is an outstanding review paper that will undoubtedly serve as a key reference for anyone working in this field. Congratulations to the authors on such a well-executed and insightful paper!"	

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PART 2:

	<u>Reviewer's comment</u>	<u>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)</u>
<u>Are there ethical issues in this manuscript?</u>	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	

Reviewer Details:

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