

Review Form 3

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_125150
Title of the Manuscript:	Frontiers of Artificial Intelligence in Agricultural Sector: Trends and Transformations
Type of the Article	Review Article

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>
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.	This manuscript provides a thorough examination of the applications, advantages, and potential drawbacks of artificial intelligence (AI) in agriculture. This is important for the scientific community because it highlights AI's capacity to address pressing issues like improving agricultural efficiency, sustainability, and productivity in the face of a growing global population. The authors present a well-structured overview of AI's impact on various agricultural domains, supported by relevant research.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, the title seems appropriate.	
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.	The abstract is comprehensive but I think it lacks critical analysis, especially when discussing the limitations and ethical implications of AI in agriculture, it can be added.	
Are subsections and structure of the manuscript appropriate?	The structure and subsections are appropriate.	
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.	The sources suggest that the manuscript is likely scientifically robust and technically sound because it presents a comprehensive overview of AI in agriculture, covering various applications, technological aspects, potential benefits, and challenges. The manuscript appears to be well-structured, with dedicated sections for different aspects of the topic, like "Drones in agriculture", "Demerits of artificial intelligence in agriculture", and "Future of AI in agriculture". The authors enhance the manuscript's scientific credibility by referencing various studies and research papers. For example, when discussing the potential of AI in soil management, the manuscript cites research that utilizes Artificial Neural Networks (ANN) to predict soil texture.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes, the references seem sufficient and it seems the references are from 2008 to 2023 so, it has recent references.	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yes, the manuscript seems to me to be suitable for scholarly communications.	
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>	

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