

Review Form 3

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_126118
Title of the Manuscript:	Applications of Artificial Intelligence (AI) in the field of agriculture: A Review
Type of the Article	A Comprehensive 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 <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.	I believe this manuscript is a valuable contribution to the scientific community. It provides a comprehensive overview of the current applications and future potential of AI in agriculture, highlighting its ability to address pressing challenges like food security and sustainability. The author effectively discusses the benefits, challenges, and limitations of AI in the agricultural sector, offering insights into its integration with human expertise and potential future trends. While the manuscript is generally well-written and informative, I would suggest strengthening the discussion on case studies. Providing more in-depth examples of successful AI implementations in agriculture could further emphasize the practical benefits and potential of this technology. Additionally, exploring the ethical implications of AI in agriculture, such as its potential impact on job displacement or environmental concerns, would add depth to the analysis.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, the title is suitable. It accurately conveys the main topic of the paper, which is a comprehensive review of AI applications in agriculture. Here's a breakdown of why the title is effective: * Clarity: It clearly states the subject matter. * Specificity: It pinpoints the field of application (agriculture). * Completeness: It indicates the nature of the content (a review).	
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.	Overall, the abstract provides a solid overview of AI applications in agriculture. It effectively highlights the potential benefits, challenges, and future trends. However, there are a few areas where it could be strengthened: Suggested Additions: * Specific AI techniques * Impact on food security * Ethical considerations.	
Are subsections and structure of the manuscript appropriate?	NA	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically	The manuscript provides a comprehensive overview of artificial intelligence (AI) applications in agriculture, demonstrating a strong understanding of the subject matter. It effectively addresses key areas such as precision farming, crop monitoring, and automation, while also acknowledging the	

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robust and technically sound? A minimum of 3-4 sentences may be required for this part.	challenges and limitations associated with AI implementation. The inclusion of case studies further strengthens the credibility of the content. The manuscript is scientifically robust and technically sound due to its: * Comprehensive coverage * Strong evidence base * Balanced perspective * Clear and concise writing	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes references are sufficient.	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yes language/English quality of the article suitable for scholarly communication	
Optional/General comments	NA	

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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