

Review Form 3

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_124113
Title of the Manuscript:	Drones for Monitoring Soil Moisture and Optimizing Irrigation Scheduling in Horticultural Farms
Type of the Article	Review 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:

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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.	This manuscript is important for addressing sustainable irrigation through drone technology, which is crucial for improving water use efficiency in agriculture. It provides valuable insights into drone-based soil moisture monitoring, but could benefit from more real-world examples and discussion on economic feasibility. While I like the focus on innovation, adding practical case studies would enhance its impact	
Is the title of the article suitable? (If not please suggest an alternative title)		
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.		
Are subsections and structure of the manuscript 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.	<ul style="list-style-type: none"> The manuscript clearly explains the principles of drone-based soil moisture monitoring, using established scientific concepts. It covers various types of sensors and their interactions with soil moisture, showing a strong technical understanding. Real-world case studies and data on sensor accuracy demonstrate the practical application of the technology in precision irrigation. 	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	<ul style="list-style-type: none"> The references are generally sufficient but could benefit from more recent studies (post-2018) on advancements in drone technology and AI for precision agriculture. Suggested addition: Include studies on IoT integration and real-time decision-making using drones in agriculture. The 4th reference (<i>Precision Agriculture, 2022, Encyclopædia Britannica</i>) is not appropriate format. 	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	<ul style="list-style-type: none"> Simplify long sentences for better clarity. Correct formatting issues, such as excessive line breaks. Ensure consistent use of technical terms. 	
Optional/General comments	Minor Revisions Required.	

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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