

Review Form 3

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_121602
Title of the Manuscript:	Transforming Agriculture with Drones: Applications, Challenges, and Implementation Strategies
Type of the Article	Review Article

Review Form 3

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.		
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.		
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.		

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>		
<p>Optional/General comments</p>	<p>Your article on the use of drones in agriculture is comprehensive and well-structured, covering a wide range of applications. Below are some comments highlighting the strengths and areas for improvement:</p> <p>Strengths:</p> <ol style="list-style-type: none">1. Comprehensive Coverage: The article does an excellent job of covering a broad spectrum of drone applications in agriculture, from crop health assessment to crop insurance. Each section is detailed, providing a clear understanding of how drones can be utilized in various agricultural tasks.2. Use of Examples and Research: The inclusion of specific studies and research findings adds credibility and depth to your discussion. References to studies by Patel et al., Qin et al., and others give the reader confidence in the validity of your claims.3. Technological Insights: You effectively explain how various sensors and technologies (e.g., thermal cameras, multispectral imaging) are used in drones to address agricultural challenges. This technical detail is beneficial for readers who may not be familiar with the intricacies of drone technology.4. Focus on Practical Benefits: The article consistently highlights the practical benefits of drone use, such as cost savings, efficiency, and precision in agriculture. This focus on real-world applications makes the content relevant and useful for your target audience.5. Global Perspective: The article acknowledges the global impact of drones in agriculture, with references to applications in countries like India and initiatives like the Pradhan Mantri Fasal Bima Yojana. This broad perspective is valuable for reaching a diverse audience. <p>Areas for Improvement:</p> <ol style="list-style-type: none">1. Consistency in Terminology: The article starts by defining DRONE as "Dynamic Remotely Operated Navigation Equipment," which is not a standard term and might confuse readers. It would be better to use the commonly accepted term "drone" throughout the article for clarity and consistency.2. Structure and Flow: While the content is rich, the article could benefit from a more cohesive structure. Some sections, like "Precision Crop Spraying" and "Weed Management," have overlapping themes (e.g., herbicide application). Consider reorganizing these sections to reduce redundancy and improve the flow of information.3. Critical Analysis: While the article does a great job of presenting the benefits of drones, it could be strengthened by addressing some of the challenges and limitations, such as cost barriers for small-scale farmers, regulatory hurdles, and technical limitations like battery life and weather dependency.4. Conclusion: The article would benefit from a concluding section that summarizes the key points and provides insights into future trends or research directions in the field of drones in agriculture. This will help to wrap up the discussion and leave the reader with a clear understanding of the significance of your work. <p>Overall Evaluation: Your article is well-researched and informative, making a significant contribution to the understanding of how drones can revolutionize agriculture. With some refinements in structure, terminology, and critical analysis, it will be even stronger and more compelling for publication.</p>	

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PART 2:

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

Reviewer Details:

Name:	Sopha Khoeurt
Department, University & Country	Khon Kaen University, Thailand