

### Review Form 3

Journal Name:	<a href="#">Asian Research Journal of Agriculture</a>
Manuscript Number:	Ms_ARJA_128116
Title of the Manuscript:	DRONES IN AGRICULTURE: A SUMMARY
Type of the Article	Mini- 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:

<https://r1.reviewerhub.org/general-editorial-policy/>

#### **Important Policies Regarding Peer Review**

Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>

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#### **PART 1: Comments**

	<b>Reviewer's comment</b>	<b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>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.</b>	This manuscript is significant for the scientific community as it provides a comprehensive overview of the advancements in UAV and drone technologies, highlighting their transformative potential in precision agriculture. By integrating findings from various studies, it offers valuable insights into how these technologies can enhance sustainability, improve crop monitoring, and optimize resource utilization. The detailed analysis of real-world applications and emerging trends serves as a foundation for further research and innovation in smart farming practices. Additionally, the manuscript addresses critical aspects such as cost-effectiveness and environmental benefits, which are pivotal for promoting the widespread adoption of these technologies in agriculture.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	Title can be changed <b>"Advancing Precision Agriculture: The Role of UAVs and Drones in Sustainable Farming"</b>	
<b>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.</b>	The abstract provides a general overview of the topic but could be more comprehensive. It should clearly state the purpose of the manuscript, highlight key findings such as specific applications of drones (e.g., crop monitoring and pest management), and emphasize their environmental and economic benefits. Additionally, redundant phrases should be removed for clarity, and a concluding sentence summarizing the importance of these technologies for future research should be added. These adjustments will make the abstract more focused and impactful.	
<b>Is the manuscript scientifically, correct? Please write here.</b>	The manuscript is scientifically accurate, referencing relevant studies and advancements in drone technology for precision agriculture. However, it could benefit from additional data and case studies to support claims about environmental impact and large-scale application. A more detailed discussion of limitations would further strengthen its scientific rigor.	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	Yes	

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<p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>The language is suitable for scholarly communication but requires refinement for clarity, conciseness, and to eliminate redundancies. Minor errors and awkward phrasing should be addressed for better readability.</p>	
<p><b>Optional/General</b> comments</p>	<p>Suggestions for Improvement</p> <ol style="list-style-type: none"> <li>1. Include the Purpose: <ul style="list-style-type: none"> <li>○ Clearly state the purpose of the manuscript—why the topic is important and its relevance to current agricultural practices.</li> <li>○ For example: <i>"This article explores the role of UAVs and drones in advancing precision agriculture, emphasizing their potential for sustainability and efficiency."</i></li> </ul> </li> <li>2. Highlight Key Findings: <ul style="list-style-type: none"> <li>○ Briefly mention specific applications of drones discussed in the article, such as crop monitoring, pest management, and yield estimation.</li> <li>○ Include examples like the development of VIPtero or AggieAir to showcase real-world advancements.</li> </ul> </li> <li>3. Elaborate on Benefits: <ul style="list-style-type: none"> <li>○ Highlight the environmental and economic benefits of drone technology, such as reduced chemical use, improved crop health monitoring, and time efficiency.</li> </ul> </li> <li>4. Refine the Focus: <ul style="list-style-type: none"> <li>○ Avoid redundant phrases like "precision agriculture, or precision agriculture" and ensure the abstract focuses on the core aspects without repetition.</li> </ul> </li> <li>5. Conclude with Implications: <ul style="list-style-type: none"> <li>○ Add a concluding sentence summarizing the importance of these technologies for future research and practical applications in sustainable farming.</li> </ul> </li> </ol>	

**PART 2:**

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

**Reviewer Details:**

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<p><b>Department, University &amp; Country</b></p>	<p><b>Tamil Nadu Agricultural University, India</b></p>