

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_123388
Title of the Manuscript:	Actuation Drones in Agriculture: Advancing Precision Pest Management through Biocontrol and Modern Techniques – A Review
Type of the Article	Review Article

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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>
<p>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.</p>	<p>The manuscript covers essential aspects, further exploration of the economic feasibility and scalability of drone-assisted pest management would enhance its practical relevance. Additionally, addressing regulatory hurdles and ensuring accessibility to small-scale farmers would be valuable</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>While the existing title provides a clear overview of the manuscript's content, we can explore alternative titles that might enhance its appeal or emphasize specific aspects. Here are a few suggestions:</p> <p>“Precision Pest Management Takes Flight: Drones in Agriculture”</p> <p>This title highlights the central theme (precision pest management) and introduces the role of drones in agriculture.</p> <p>“Biocontrol Aloft: Actuation Drones Transform Pest Management”</p> <p>Focusing on the innovative aspect (actuation drones) and their impact on pest control.</p> <p>“From Skies to Fields: Unleashing Actuation Drones for Sustainable Pest Control”</p> <p>Emphasizing the transition from aerial technology (drones) to practical applications in agriculture.</p> <p>“Drones and Natural Enemies: A New Chapter in Pest Management”</p> <p>Highlighting the synergy between technology (drones) and ecological solutions (natural enemies).</p>	

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<p>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.</p>	<p>The abstract needs to be review for potential improvements. Here are my suggestions:</p> <p>Expand on the Practical Implications:</p> <p>While the abstract provides a good overview, consider adding a sentence or two about the real-world impact of actuation drones. How might their adoption affect crop yields, reduce pesticide use, or improve livelihoods for farmers?</p> <p>Include a Brief Overview of Regulatory Challenges:</p> <p>Mention the regulatory landscape related to drone usage in agriculture. Are there specific approvals or certifications required? Addressing this briefly would enhance the abstract's completeness.</p> <p>Highlight the Role of Stakeholders:</p> <p>Consider mentioning stakeholders beyond researchers—such as policymakers, agricultural extension workers, and industry players. How can they collaborate to facilitate the adoption of drone-assisted pest management?</p> <p>Concluding Statement:</p> <p>End the abstract with a forward-looking statement. For instance: “As we navigate these challenges, actuation drones hold immense promise for transforming pest management practices globally.”</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The subsections and structure align well with the content, providing a clear flow of information</p>	
<p>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.</p>	<p>Although this is a review article, the work appears to be scientifically grounded and relevant to the field of precision</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>Yes, the reference sufficient and recent</p>	
<p><u>Minor</u> REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The language and English quality seem suitable for scholarly communication.</p>	
<p><u>Optional/General</u> comments</p>		

PART 2:

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

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