

**Review Form 3**

Journal Name:	<b>Journal of Experimental Agriculture International</b>
Manuscript Number:	<b>Ms_JEAI_123391</b>
Title of the Manuscript:	<b>Recent Advances in Biopesticide Formulations for Targeted Insect Pest Management – A Review.</b>
Type of the Article	<b>Review Article</b>

### Review Form 3

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

<b>Compulsory</b> REVISION 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</b>		
<b>Is the title of the article suitable? (If not please suggest an alternative title)</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>		
<b>Are subsections and structure of the manuscript appropriate?</b>		
<b>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.</b>		
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>		

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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><b>### Abstract Review</b></p> <p><b>**Strengths:**</b></p> <ol style="list-style-type: none"><li><b>**Relevance and Clarity:**</b> The abstract effectively identifies the increasing environmental and health concerns associated with synthetic pesticides and presents biopesticides as a promising solution. This sets a clear, relevant context for the paper.</li><li><b>**Comprehensive Overview:**</b> It provides a concise yet thorough overview of recent advancements in biopesticide formulations, including nano pesticides and controlled release formulations (CRFs).</li><li><b>**Forward-looking:**</b> The abstract hints at future possibilities in sustainable agriculture, indicating the paper's relevance to ongoing developments in the field.</li></ol> <p><b>**Areas for Improvement:**</b></p> <ol style="list-style-type: none"><li><b>**Specificity in Key Words:**</b> The keywords listed are broad; consider adding more specific terms related to the types of nanotechnology or controlled release systems discussed, which could improve searchability.</li></ol> <p><b>### Overall Paper Structure</b></p> <p><b>**Introduction:**</b></p> <ul style="list-style-type: none"><li><b>**Contextual Background:**</b> The introduction provides a solid historical background on synthetic pesticides and their impacts, smoothly transitioning to the need for biopesticides.</li><li><b>**Clarity:**</b> The writing is clear, but it could be tightened by reducing repetition (e.g., environmental impact is mentioned multiple times).</li><li><b>**References:**</b> The sources cited are relevant and current, supporting the introduction well.</li></ul> <p><b>**Discussion of Newer Trends:**</b></p> <ul style="list-style-type: none"><li><b>**Comprehensive Coverage:**</b> The paper thoroughly covers various advanced formulations of biopesticides, including nano pesticides and CRFs. The inclusion of tables aids in summarizing key data.</li><li><b>**Technical Depth:**</b> The discussion shows a strong technical understanding of the different biopesticide formulations. However, it may benefit from clearer distinctions between the technologies, particularly in explaining how each offers specific advantages in practical applications.</li><li><b>**Flow and Organization:**</b> The section could be better organized by grouping related technologies together or by providing a clearer transition between different types of formulations.</li></ul> <p><b>**Advantages and Disadvantages:**</b></p> <ul style="list-style-type: none"><li><b>**Balanced Perspective:**</b> The paper does well in presenting both the strengths and limitations of biopesticides, which adds to the credibility of the discussion.</li><li><b>**Detail Orientation:**</b> Consider expanding on certain disadvantages, such as regulatory hurdles, by providing specific examples or case studies. This would enhance the reader's understanding of the challenges faced in adopting biopesticides.</li></ul> <p><b>**Conclusion and Future Prospects:**</b></p> <ul style="list-style-type: none"><li><b>**Forward-looking:**</b> The conclusion effectively summarizes the paper and looks forward to future developments. However, it might benefit from more specific recommendations for research or policy changes needed to address the challenges</li></ul>	

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	<p>mentioned.</p> <p><b>**References:**</b> - <b>**Comprehensiveness:**</b> The references are extensive and well-chosen, covering both foundational works and recent studies. Ensure that all citations are correctly formatted according to your required style guide.</p> <p><b>### Additional Recommendations:</b> 1. <b>**Readability:**</b> While the paper is technically sound, some sections are dense with information. Consider breaking up longer paragraphs or adding subheadings to improve readability. 2. <b>**Humanizing Content:**</b> If this paper is intended for a broader audience, such as policymakers or non-specialist readers, consider simplifying some of the technical jargon or providing definitions for less familiar terms.</p> <p><b>### Conclusion:</b> Your research paper is well-researched and covers a wide range of advanced biopesticide technologies with a strong emphasis on recent innovations. It is poised to make a significant contribution to the field.</p>	
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### **PART 2:**

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

### **Reviewer Details:**

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