

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_127590
Title of the Manuscript:	Impact of biopesticides applied alone and in combination with insecticides using drone and taiwan sprayer on beneficial fauna in rice ecosystem
Type of the Article	Original Research Article

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PART 1: 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. A minimum of 3-4 sentences may be required for this part.	Biopesticides, being eco-friendly alternatives to synthetic pesticides, offer reduced environmental and health risks. However, their integration with insecticides needs careful evaluation to avoid negative impacts on beneficial organisms (e.g., natural predators, parasitoids, pollinators). The method of application, such as drones or sprayers, may influence deposition patterns and efficacy, affecting both pest control and non-target organisms. Drone and Taiwan sprayer technologies allow for precise and uniform pesticide application, reducing wastage and potential overuse. Research on their impacts helps optimize these technologies for selective pest targeting while minimizing harm to non-target beneficial fauna. Investigating the impact of biopesticide application technologies ensures that pest control measures do not inadvertently disrupt ecosystem services, thus preserving yield quality and quantity.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes title is according to manuscript	
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.	Not required	
Is the manuscript scientifically, correct? Please write here.	Combining biopesticides and synthetic insecticides is a key strategy in IPM. Studies examining their joint effects, especially when applied with advanced methods, provide insights into synergistic or antagonistic interactions, aiding in fine-tuning IPM practices. Results from such studies can guide policymakers and regulatory bodies in approving biopesticide-insecticide combinations and application technologies that are safer for the environment. This fosters the adoption of sustainable agricultural practices in rice cultivation globally.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Not required	
Is the language/English quality of the article suitable for scholarly communications?	Yes language is clear and illusive	
Optional/General comments		

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>	

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