

Review Form 3

Journal Name:	Archives of Current Research International
Manuscript Number:	Ms_ACRI_123325
Title of the Manuscript:	"Effects of Insecticides on Pollinators and Natural Enemies in Watermelon Agroecosystems"
Type of the Article	

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<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>With an estimated annual global production of approximately 100 million tons, watermelon is a vital fruit for agriculture and nutrition around the world. India produces 3.3 million tons of watermelons annually (Awasthi et al., 2022; Worldostats, 2024). Because it discusses the delicate balance between pest control and the preservation of beneficial insects in watermelon agroecosystems, I think this manuscript is important for the scientific community, specifically crop protection (entomology). I appreciate this manuscript because it highlights the need for integrated pest management strategies that minimise harm to non-target species, promoting a healthier ecosystem.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes, the manuscript title is appropriate.</p> <p>But if I may make some modifications to it, then I would prefer it to be like this</p> <p>“Influence of Insecticide Application on Pollinators and Predatory Arthropods in Watermelon Agroecosystem</p>	
<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>Yes, it is comprehensive because the methodology and some key findings were listed.</p> <p>I will only further suggest that the author add a brief one or two sentences, highlighting the problems and justification of the study.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes, the subsection and the layout of the manuscript are acceptable.</p> <p>I don't know if it will be allowed by the journal, but I would want the author to add one or two pictures of the experimental field, clearly indicating the treatment application and the crops.</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>I regard this manuscript as scientifically correct because the problem was clearly stated and relevant literature was demonstrated, ensuring that the research is built on a solid foundation of previous studies. Additionally, the methodology, including data collection and analysis, was appropriately defined, making the research reliable and reproducible.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>Although the listed references are appropriate to the manuscript, I do suggest that the author look for more recent and relevant articles. Out of the 12 cited references, only 3 were below 5 years old while the rest were either 10 years or slightly below.</p>	

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Yes, the language is clear and understandable.</p>	
<p>Optional/General comments</p>	<p>The introduction;</p> <p>In as much as the literature reviews were appropriate, the author did not include the economic importance of the crop both globally and within India, nor the worldwide production records</p> <p>Additionally, it would be beneficial for the author to provide an approximate economic impact of these harmful insects on the general cultivation of watermelon in India.</p> <p>Methodology;</p> <p>The author did not indicate the statistical package that was used.</p> <p>Yes, data analysis involved a square root transformation to stabilize variance before applying ANOVA for the RCBD design. However, was this done through manual calculation, or did the author employ the use of any statistical packages?</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>	

Reviewer Details:

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