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GPH Review Form

Journal Name:	Asian Journal of Research in Biosciences
Manuscript Number:	Ms_AJORIB_1533
Title of the Manuscript:	RESPONSE OF SOME MICROORGANISMS, EARTHWORMS AND SNAILS TO PESTICIDES (CARBOFURAN AND PARAQUAT) UNDER TROPICAL CONDITIONS
Type of the Article	

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PART 1: Review Comments

	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>
<p><u>Compulsory</u> REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. Yes, the manuscript is important for the scientific community as it addresses the critical issue of the impact of pesticides, specifically Carbofuran and Paraquat, on various components of the ecosystem under tropical conditions. The study investigates the acute toxicity of these pesticides on earthworms, snails and soil microorganisms. This research is significant for understanding the potential environmental consequences of pesticide application in tropical regions, where agriculture plays a crucial role. The findings contribute valuable insights into the ecological implications of pesticide use and emphasize the importance of adhering to recommended field rates to mitigate negative effects on soil organisms. Overall, this manuscript adds to the body of knowledge concerning pesticide toxicity in tropical ecosystems, making it relevant and informative for the scientific community.</p> <p>2. Yes, as it accurately reflects the main focus of the study.</p> <p>3. The abstract provides a concise overview of the study, covering the aim, study design, location, methodology and key results. It includes information on the acute effects of Carbofuran and Paraquat on earthworms, snails and soil microorganisms under tropical conditions. The results, including lethal concentration (LC50) values and microbial counts, are summarized.</p> <p>4. Yes.</p> <p>5. Based on the information provided, the manuscript appears to be scientifically correct. It follows a standard scientific structure and the methodology used aligns with established protocols. The results, including lethal concentration (LC50) values and microbial counts, are presented in a manner consistent with scientific reporting. However, a more detailed examination would require access to the full manuscript, including specific data, methods and statistical analyses. Additionally, peer review by experts in the field is essential for ensuring the scientific accuracy and validity of the research.</p> <p>6. Yes</p>	
<p><u>Minor</u> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Rephrase and correct the sentence "Aim: determine the response of bacteria, earthworms and snails to pesticides under tropical conditions,"</p> <p>"Toxicity test estimates the possibility that antagonistic environmental impacts/influence might take place or are taking place due to susceptibility to sole or additional pesticides,"</p> <p>"hence their used must be strictly based on these rates"</p> <p>Ensure grammatical accuracy and clarity of the entire MS</p>	
<p><u>Optional/General</u> comments</p>		



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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>	

Reviewer Details:

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