

Review Form 3

Journal Name:	Asian Journal of Biology
Manuscript Number:	Ms_AJOB_124648
Title of the Manuscript:	Histological investigations on Potato Tuber Moths treated with a botanical extract of basil (<i>Ocimum basilicum</i> L), with particular attention to the alterations in the Ultrastructure of the larval digestive tract
Type of the Article	Original Research 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>Yes definitely, potato being one of the most important crop, this work will be of good practical use for the scientific and the farming community. This manuscript is important as it investigates the potential use of a natural botanical extract of basil as a biopesticide against potato tuber moths. The histological focus on changes in the larval digestive tract provides valuable insights into the physiological effects of plant-derived compounds on pests, offering an eco-friendly alternative to chemical pesticides in managing this notorious insect without the need to depend on chemical pesticides.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Histological studies on potato tuber moth (<i>Phthorimaea operculella</i>) treated with basil (<i>Ocimum basilicum</i> L.) extract, focusing on the ultrastructural changes in the larval digestive tract.</p> <p>SEE ATTACHMENT</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>More crisp findings can be added in result part.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes</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>This manuscript appears scientifically robust and technically sound due to its detailed histological investigation as evident from the methodology followed; indepth physiological studies has benn done which provides concrete evidence of the impact of basil (<i>Ocimum basilicum</i> L.) extract on the ultrastructure of the potato tuber moth's larval digestive tract as is evident from the good quality photographs taken by both the microscopes.</p> <p>Out of my curiosity, I would like to know if talcum powder alone could have some effects on the digestive tract of the PTM larvae.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>The reviews are quite old. I have already suggested to add references of last 10 years if possible.</p>	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Though the research work is very good and the findings are upto the mark, the author needs to make revisions in terms of writing it properly There were many grammatical, spelling mistakes and wrong sentences. In many, there were words and sentences which completely failed to make sense. Therefore, revision in terms of changing them and rewriting the sentences is required. .</p>	
<p>Optional/General comments</p>	<p>A few areas may benefit from revisions to enhance clarity and precision. Conduct a thorough spell check for any typographical errors that may have been overlooked.</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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