

**Review Form 1.7**

Journal Name:	<b>Journal of Advances in Biology &amp; Biotechnology</b>
Manuscript Number:	<b>Original Manuscript_JABB_117716</b>
Title of the Manuscript:	<b>Field efficacy of selected chemicals and biopesticide against brinjal shoot and fruit borer (<i>Leucinodes orbonalis</i>) on Brinjal (<i>Solanum melongena</i>)</b>
Type of the Article	

**Review Form 1.7**

**PART 1: Review Comments**

	Reviewer's comment	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><b>Compulsory REVISION comments</b></p> <ol style="list-style-type: none"> <li><b>1. Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li><b>2. Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li><b>3. Is the abstract of the article comprehensive?</b></li> <li><b>4. Are subsections and structure of the manuscript appropriate?</b></li> <li><b>5. Do you think the manuscript is scientifically correct?</b></li> <li><b>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p><b>Yes, it is.</b></p> <p><b>Yes, it is.</b></p> <p><b>The abstract needs to be revised as it was not written in a proper way. The objective is written in between the methodology sections, and the abstract lacks the conclusion part.</b></p> <p><b>No, not comprehensive enough.</b></p> <p><b>The introduction lacks a literature review, the significance of the study, and the objective.</b></p> <p><b>The materials and methodology part is not comprehensive enough to be replicated. There was no information on experimental location, brinjal cultivar, treatment combinations, number of replications, sample collection, spray frequency, experimental design, or statistical analysis. Therefore, it should be rewritten.</b></p> <p><b>The results lack data on cost per pesticide application, labour cost, and profit to derive the cost-benefit ratio and compare it with the control for the economics of the selected insecticide application for the study.</b></p> <p><b>The discussion part must be improved with recent findings related to pesticidal efficacy on brinjal shoots and fruit borer and the cost-benefit analysis section.</b></p> <p><b>The manuscript is not well written scientifically but could be improved with the reviewer's comments.</b></p> <p><b>References in the introduction and discussion parts could be improved.</b></p> <p><b>Here are some suggestions for additional references:</b></p> <p>Sakharam, C. A., Kumar, A., Singh, U., AA, K., Nawale, J. S., Narode, M. K., &amp; Solanke, K. M. (2020). Efficacy of certain chemicals and biopesticides against brinjal shoot and fruit borer <i>Leucinodes orbonalis</i> (Guenee). <i>Journal of Entomology and Zoology Studies</i>, 8(5), 220-223.</p> <p>Pooja, G. S., &amp; Kumar, A. (2022). Field efficacy and economics of different insecticides against brinjal shoot and fruit borer (<i>Leucinodes orbonalis</i> Guenee). <i>The Pharma Innovation Journal</i>. 2022(7), 4545-4548.</p> <p>Islam, T., Das, G., &amp; Uddin, M. M. (2016). Field evaluation of promising biorational pesticides against brinjal shoot and fruit borer, <i>Leucinodes orbonalis</i> Guenee. <i>Journal of Biopesticides</i>, 9(2), 113.</p>	

## Review Form 1.7

<b>Minor</b> REVISION comments		
1. <b>Is language/English quality of the article suitable for scholarly communications?</b>	Adequate. But spelling mistakes in scientific name and the name of the pesticides were observed.	
<b>Optional/General</b> comments		

### **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:**

Name:	<b>Ganeshamoorthy Hariharan</b>
Department, University & Country	<b>Eastern University, Sri Lanka</b>