

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_102958
Title of the Manuscript:	“Comparative efficacy of selected biopesticides with chemicals against shoot and fruit borer, Leucinodes orbonalis (Guenee) on brinjal”
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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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>Compulsory 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>	<ul style="list-style-type: none"> ○ The research illustrates that the eggplant endures to be a vital domestic crop cultivated across the country accounting for 9% of total vegetable production and covering 8.14% of land under vegetable cultivation. ○ Nevertheless, brinjal is a summer crop, it is been grown throughout the year under irrigated conditions. Henceforth it is subjected to outbreak by a number of insect pest right from the nursery stage till harvesting. ○ The major insect pests infesting brinjal, is shoot and fruit borer, <i>Leucinodes orbonalis</i> (Guenee), which is very active during rainy and summer season and frequently causes more than up to 95 percent in India says earlier findings. ○ Yes, the title of the manuscript is appropriate enough. ○ Yes, the abstract written is comprehensive. ○ Yes, they are appropriate enough and illustrating the general sub-sections viz., Abstract, Introduction, Materials and Methods, Results and Discussion and Conclusion as well. ○ In addition, the statistical analysis has been well exemplified and depicted as Tables in an eloquent manner. ○ Insecticides have been testified effective against this pest but it is detected that this pest defies all the chemical control measures. ○ Excessive dependence on huge quantities of insecticides, alone and in combinations, to control the pest is causing ecological pollution and pest resistance. ○ The data on per cent infestation of brinjal shoot and fruit borer on both shoot and fruit were pooled separately and assessed to statistical analysis. ○ The results of the study revealed that Chlorantraniliprole 18.5% SC was the most effective treatment against brinjal shoot and fruit borer producing maximum yield and recording the highest cost-benefit ratio compared to other treatments. ○ The references cited are adequate and recent enough 	

