

**Review Form 1.7**

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_109211</b>
Title of the Manuscript:	<b>Field efficacy of insecticides against fall army worm, <i>Spodoptera frugiperda</i> (J. E. Smith) on maize (<i>Zea mays</i> L.)</b>
Type of the Article	<b>Original Research Article</b>

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**PART 1: Review Comments**

MAJOR REVISION	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> <ol style="list-style-type: none"> <li><b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li><b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li><b>Is the abstract of the article comprehensive?</b></li> <li><b>Are subsections and structure of the manuscript appropriate?</b></li> <li><b>Do you think the manuscript is scientifically correct?</b></li> <li><b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p><b>Importance for Scientific Community:</b> The manuscript appears to be important for the scientific community, particularly for researchers and practitioners in the fields of agriculture, entomology, and pest management. It addresses the critical issue of fall armyworm (FAW) infestations and evaluates the effectiveness of various insecticides in controlling this pest. The findings and recommendations can contribute to sustainable pest management practices, which are of significant interest to the scientific community, farmers, and policymakers.</p> <p><b>Title Suitability:</b> The title, "Assessment of Chemical Insecticides for Fall Armyworm (<i>Spodoptera frugiperda</i>) Management in Maize Crops," is suitable as it accurately conveys the manuscript's focus and content. However, if you want to make it more appealing, you can consider a slightly more engaging title, such as "Exploring Sustainable Solutions for Fall Armyworm Control in Maize Crops."</p> <p><b>Comprehensiveness of Abstract:</b> The abstract provides a concise summary of the manuscript, covering the research objective, methods, key findings, and conclusions. It effectively outlines the scope and importance of the study. However, it could benefit from including a brief mention of the proposed future course of action for the management of FAW using nature-derived biocontrol solutions to provide a more comprehensive overview of the manuscript.</p> <p><b>Appropriateness of Subsections and Structure:</b> The manuscript's structure generally appears appropriate. It follows a typical scientific research paper structure, including sections like Introduction, Materials and Methods, Results, and Discussion. However, a more detailed breakdown of subsections within these sections, especially in the Materials and Methods section, could enhance clarity and readability. For example, you could divide the Materials and Methods into subsections like "Study Area," "Experimental Design," and "Data Analysis."</p> <p><b>Scientific Correctness:</b> To assess the scientific correctness of the manuscript, a detailed review of the methods, results, and statistical analysis would be necessary. It's essential to ensure that the data collection and analysis are sound and that the conclusions drawn are supported by the results. Peer review by experts in the field is highly recommended to validate the scientific accuracy of the manuscript.</p> <p><b>References:</b> The adequacy of references depends on the breadth of the literature relevant to the study. It's important to ensure that the most recent and significant studies related to FAW management and the use of nature-derived biocontrol solutions are included. If there are notable recent studies or reviews that haven't been cited, it would be beneficial to incorporate them for a more comprehensive background. Reviewers may suggest specific additional references after a detailed review of the manuscript.</p>	
<p><u>Minor</u> REVISION comments</p> <ol style="list-style-type: none"> <li><b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>	<ul style="list-style-type: none"> <li>Pay close attention to grammar, spelling, and formatting for a polished final manuscript.</li> </ul>	

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<b>Optional/General</b> comments	<ul style="list-style-type: none"><li>• Ensure clarity and precision in describing the research methods and results.</li><li>• Provide more information on the nature-derived biocontrol solutions and their potential applications in FAW management.</li><li>• Consider including visual aids such as graphs, tables, or figures to illustrate key findings.</li></ul>	
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### **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:**

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