

## Review Form 1.6

Journal Name:	<a href="#">International Journal of Plant &amp; Soil Science</a>
Manuscript Number:	Ms_IJPSS_83335
Title of the Manuscript:	BIOEFFICACY OF NEWER MOLECULES INSECTICIDES AGAINST TEA MOSQUITO BUG, <i>Helopeltis theivora</i> WATERHOUSE UNDER LABORATORY CONDITION
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:

(<https://www.journalijpss.com/index.php/IJPSS/editorial-policy> )

### **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)
<b>Compulsory</b> REVISION comments	<p>The manuscript reveals a relevant problem associated with tea production, however, even though the title of this mentions the bioefficacy of newer insecticide molecules, it is not described if they are considered as such because they have not been used previously on this species or by another reason. I think this should be covered in detail in the introduction.</p> <p>In methods section, it is mentioned where the biological material that was used in assays was obtained from, however, it is not specified if what was collected was the breeding stock and multiple generations were obtained or if it was used directly in bioassays. In addition, the authors must specify the age of the insects since both the breeding conditions and the age of the organisms are determining factors in their response to insecticides.</p> <p>It is not clear how the LC50 values were obtained. Results obtained as LC50 are not an appropriate parameter when no results are reported on an insecticide-susceptible reference strain grown in the laboratory without contact with insecticides.</p>	
<b>Minor</b> REVISION comments	<p>They report LC50 but in the title of Table 3 they write LD50 The abbreviation for litre is l or L</p>	
<b>Optional/General</b> comments	<p>Include the meaning of the abbreviations used in tables, for example, HAT</p>	

Review Form 1.6

**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>Beatriz Lopez Monroy</b>
Department, University & Country	<b>Universidad Autonoma De Nuevo Leon, Mexico</b>