

## Review Form 1.7

Journal Name:	<b>International Journal of Plant &amp; Soil Science</b>
Manuscript Number:	<b>Ms_IJPSS_117092</b>
Title of the Manuscript:	<b>Efficacy of chemicals and bio-pesticides against Mustard aphid, Lipaphis erysimi (Kalt.) on mustard</b>
Type of the Article	

### **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</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <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>Page 2/8</b> « Newer insecticide molecules are a better alternative to conventional synthetic insecticides in the context of environmentally begin management tactics so also in order to mitigate the adverse effect on the total environment. » Please rewrite this sentence.</p> <p><b>Page 7</b> “Which was lower than my check treatment Imidacloprid 17.8 SL.” Clarify the meaning of this sentence.</p> <p><b>General</b> For readers, please mention which of the tested chemicals are “biopesticides” in comparsion with conventional pesticide Imidacloprid. Introduce that imidacloprid is a toxic substance which needs dedicated work to prevent its dissemination if soil and water. The following reference should be introduced as an example for this need for safety issue: X Liu, et al, Pol. J. Environ. Stud. Vol. 32, No. 2 (2023), 1277-12862020</p> <p>To broaden the scope of the paper it would be relevant to mention that cold physical plasma as a recent innovative technology is under investigation in the same perspectives and introduce the following references: A Stancampiano, et al, Applied Sciences 9 (18), 3861 (2019) W Chen, et al, Mathematical Biosciences and Engineering 20 (6), 10223-10243 (2023) T Maho et al, Applied Sciences 11 (20), 9598 (2021) L Lin et al, Plant Science Today 11 (1), 266-273 (2024)</p> <p><b>Protocol</b> Please mention the mode of application of the pesticides and how the dosage were set.</p>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>		
<p><b>Optional/General</b> comments</p>		

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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