

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_113147
Title of the Manuscript:	Pesticide tolerance in the five field strains of Trichogramma chilonis from northern districts of Tamil Nadu
Type of the Article	Original Research Article

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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> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>Yes</p> <p>YES</p> <p>YES</p> <p>YES</p> <p>YES</p> <p>See report</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>YES</p>	
<p>Optional/General comments</p>	<p>Report on Ms_IJPSS_113147 , “Pesticide tolerance in the five field strains of Trichogramma chilonis from northern districts of Tamil Nadu”</p> <p>The manuscript reports on the identification of pesticide tolerant ecotype of <i>T. chilonis</i> including five ecotypes and the comparison with a laboratory strain. Three successive generations were tested for their relative susceptibility / resistance to insecticides in comparison with the laboratory strain. The manuscript is quite short but represent a significant data collection, the data are clearly documented and the conclusion support the measurements. So, the work deserves publication in the International Journal of Plant and Soil Science after consideration of the two following comments.</p> <p>C1 Tables 1-3 Can authors comment or explain why the sex ratio of <i>T. chilonis</i> ecotypes for laboratory population was always measured as the lowest? Same question for data in Tables 4-6</p> <p>C2 Resistance to pesticides Authors confirms that wild strain are more resistant than laboratory strain, which is some other situations may pose severe issues, with the selection of highly resistant pests. Same holds true in other field with well-known and dramatic antibacterial resistance. In the perspectives of finding some alternative to pesticides/antibiotics it would be worth introducing the emerging technology based on so-called gas plasma discharges and introduce as a relevant demonstration for its potency the following reference: T Maho, et al, Anti-bacterial action of plasma multi-jets in the context of chronic wound healing, Applied Sciences 11 (20), 9598 (2021)</p>	

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PART 2:

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

Reviewer Details:

Name:	Robert Eric
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