

Review Form 1.7

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_119084
Title of the Manuscript:	Efficacy and Economics of new insecticides and Botanicals for Jassid Control in Mung bean (<i>Vigna radiata</i>, L. Wilczek)
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>Yes</p> <p>Please see comments section below</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>The work is worth publication but after consideration of the three following comments.</p> <p>C1 Introduction</p> <p>“This study aims to explore alternative control methods beyond insecticides, acknowledging their negative impact on beneficial organisms and plant health. It seeks to find newer insecticides and botanicals to effectively manage major insect pests and reduce pod damage in green gram.”</p> <p>As a promising strategy, authors should mention that cold physical plasma as a recent innovative technology is under investigation in the same perspectives for pest reduction and decontamination of plant and tissues and introduce the following references: 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>C2 Materials and methods</p> <p>“Spraying of the solution, prepared and stirred carefully, was done using a hand compression sprayer during dawn and dusk to minimize wind effects.”</p>	

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	<p>Here also it would be informative for readers to mention plasma activated spray for plant decontamination but with green technology as reported in the following reference to be introduced: A Stancampiano, et al, Applied Sciences 9 (18), 3861 (2019)</p> <p>C3 Figure 1 Can authors comment why the number of jassid/leaves is almost stable from 1 DAS to 13 DAS? One would expect either decrease or repopulation after first spray action.</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>	

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