

Review Form 1.7

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_112517
Title of the Manuscript:	Comprehensive Assessment of Aphid (<i>Lipaphis erysimi</i> (Kalt.)) Resistance in Mustard Cultivars
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><u>Compulsory</u> 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><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The manuscript entitled "Comprehensive assessment of aphid (<i>Lipaphis erysimi</i> (Kalt.)) resistance in mustard cultivars", contributes to the understanding of aphid resistance in mustard cultivars and has the potential to improve pest management strategies and mustard crop yields. The findings have the potential to guide farmers in selecting appropriate varieties for cultivation and encourage the development of sustainable integrated pest management (IPM) techniques for Indian mustard cultivation.</p> <p>The title is a good choice for the article and is likely to be effective in attracting readers who are interested in the topic of aphid resistance in mustard cultivars.</p> <p>The abstract is a good representation of the study and is likely to be helpful to readers who are interested in the topic of aphid resistance in mustard cultivars.</p> <p>The manuscript is well-written and well-organized. The subsections are clear and concise, and the structure of the manuscript follows a standard scientific paper format.</p> <p>The authors clearly state the objectives of the study, which are to assess the susceptibility of 45 mustard crop cultivars to <i>Lipaphis erysimi</i> Kaltenbach and to identify cultivars with enhanced aphid resistance. This manuscript, with its clear presentation and support of methods, results, and conclusions, will be of great interest to researchers and plant protection specialists.</p> <p>The authors have cited a number of bibliographical references covering studies from 1983 to 2023. However, there are a few points where the references could be improved. First, one of the references is not cited in the text. This is an important detail that should be corrected before the manuscript is published. Second, it would be helpful if the authors cited more references from the last five years. This would help to ensure that the manuscript is up-to-date on the latest research on aphid resistance in mustard cultivars.</p> <p>With these changes, the manuscript will be even stronger and more credible.</p>	
<p><u>Minor</u> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The author's use of grammar, syntax, and vocabulary is generally clear and concise. The writing is also objective and avoids personal opinions or biases. Overall, the language (English) quality of the article is strong and should not pose any problems for publication in the journal.</p>	
<p><u>Optional/General</u> comments</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:	Ioşob Gabriel-Alin
Department, University & Country	Vegetable Research and Development Station, Romania