

### Review Form 3

Journal Name:	<a href="#">Asian Journal of Research in Crop Science</a>
Manuscript Number:	Ms_AJRCS_124954
Title of the Manuscript:	<b>Efficacy Of Essential Oils Against Black Bean Aphid (<i>Aphis fabae</i> Scopoli) Under Laboratory Conditions</b>
Type of the Article	The article is the result of original research. It is scientifically robust and technically sound

#### PART 1: Review Comments

<b>Compulsory</b> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</b>	This manuscript is significant for the scientific community as it addresses the urgent need to control the black bean aphid ( <i>Aphis fabae</i> ), on faba bean. The research offers insights into effective management strategies, which are essential for preserving faba bean. Economically, controlling this pest is crucial to safeguarding the livelihoods of farmers, preventing substantial agricultural losses, and ensuring the sustainability of faba bean production and productivity.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	<b>The title is</b> Okay.	
<b>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</b>	The abstract is well written but needs a slight polishing to be more attractive and full informative to the readers.	
<b>Are subsections and structure of the manuscript appropriate?</b>	The subsections and the structures of the manuscript are appropriate but the numbering of the titles and subtitles needs to adhere the AJRCS authors' guideline.	
<b>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</b>	This manuscript is scientifically robust and technically sound as it addresses a critical agricultural challenge: managing infestations of the black bean aphid ( <i>Aphis fabae</i> ), on faba bean plants using eco-friendly, botanical extracts. By focusing on botanical insecticides made from locally available resources namely: Neem, Eucalyptus, Palma rosa, Citronella, Lemongrass, Juniper berry, and Mint extracts, the research aligns with contemporary trends in sustainable agriculture, providing an effective and environmentally friendly alternative to synthetic pesticides. Moreover, the findings offer valuable insights that can be readily implemented in real-world agricultural practices, especially in regions like Sundarbazar, the Lamjung district of Gandaki province, where organic faba bean farming is prevalent and the faba bean crop is economically vital. This approach supports both the economic sustainability of local farmers and the broader goals of ecological preservation by minimizing chemical pesticide use.	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b> :	Even though it needs to re-visit some of the references more than five years back after publication, the majority of references are sufficient and most of them are recent. In addition, the author (s) should check whether all the listed references are cited in the in-text citation or not and the in-text citations cited in the manuscript are listed in the references lit.	

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Minor REVISION comments <b>Is the language/English quality of the article suitable for scholarly communications?</b>	The language and overall quality of English in the draft manuscript are generally suitable for scholarly communication, but there are areas that could be improved to enhance clarity and precision. While the structure and content are appropriate for an academic audience, refining the sentence construction, grammar, and vocabulary would make the manuscript more polished and easier to read	
<b>Optional/General</b> comments	The Author (s) should have to include the following: Authors' Contributions	

### **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:**

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