

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_109356
Title of the Manuscript:	Biochemical screening and evaluation of Eucalptus camaldulensis Dehnh leaf essential oil on Callosobruchus maculatus Fabricius (Coleoptera: Bruchidae).
Type of the 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><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. Yes 2. No. Read the reasons in the following explanation. 3. Yes 4. Yes 5. Yes 6. No. Please, add some current references (less than 5 years) on the research of <i>Eucalyptus camaldulensis</i> and <i>Callosobruchus maculatus</i>.</p> <p>Comments: This research aims to provide prospective information on the application of the n-hexane extract from <i>Eucalyptus camaldulensis</i> leaves as an insecticide against <i>Callosobruchus maculatus</i>. It is interesting since the author also provides the phytochemicals and GCMS data of the extract.</p> <p>However, there are some misleading issues that the author should explain or revise before going to the next step of journal publication.</p> <p>The author stated and intended to extract the essential oil as provided in the title and abstract. In fact, the author only did a lipid phase extraction using Soxhlet in n-hexane as solvent. Therefore, it is better to change the title and abstract and mention that the sample is an n-hexane extract of <i>Eucalyptus camaldulensis</i>. The term essential oil is used for the extraction of plant samples using distillation. Then please, revise all terms of <i>Eucalyptus camaldulensis</i> essential oil into <i>Eucalyptus camaldulensis</i> n-hexane extract.</p> <p>Material and Methods: Please, insert the information for plant sample identification from a certified taxonomist.</p> <p>Results: Please delete all the GCMS spectra of chemical components in n-hexane extract (Fig. 1 – Fig. 11), since it doesn't provide essential information in the discussion unless Table 3 was not provided in the text.</p> <p><i>Callosobruchus maculatus</i> is one species from insecta class of animalia kingdom. Therefore, the last statement in the manuscript (before References) is not right. However, it is still acceptable to use insects in research without any ethical clearance. Please, revise your statement for this ethical issue part.</p> <p>Last but not least, please submit the manuscript to English proofreading agency before submitting it for the next review process or published journal production.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>		
<p>Optional/General 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>	

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