

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_118209
Title of the Manuscript:	Comparative Efficacy and Economics of Biopesticides with Emamectin Benzoate against Diamondback Moth, <i>Plutella xylostella</i> (L.) in Cabbage, <i>Brassica oleracea</i> var. <i>Capitata</i> (L.)
Type of the Article	Crop protection

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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> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>Yes, the utilization of microbials and their derivatives and botanicals in crop protection is a way of offering alternative over the use of chemical pesticides. The development of insect resistance on pesticides due to prolonged use is alarming that it requires stronger formulations to control. Conventional farms can meet requirements on MRLs, organic farms and GAP farms will have more inputs for use in crop protection. However, the data contained in this manuscript is considered basic and simple.</p> <p>The word “comparative” in the title is not appropriate because you are just testing for the efficacies of the selected biopesticides in controlling DBM in cabbage. The treatments should also have the same doses of the inputs during application (not mentioned in the manuscript) to show that at this rate and dosage one is better than the other. The “economics” analysis of the study is not reflected in the paper. The word “Emamectin benzoate” is a misnomer since it is equal as the other treatments, suggest it should be removed. Suggested title: Efficacy of Biopesticides Against DBM in Cabbage</p> <p>Is the economic analysis really a part of the study, it was only mentioned in the title but cannot be found in the body of the manuscript? Not comprehensive.</p> <p>Lack information on the application rate and dosage and the timing of application. Please provide details in the Methodology.</p> <p>Mostly recent references</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>Kindly consider a common term for “quintal” per hectare...ton per hectare maybe?</p>	
<p>Optional/General comments</p>	<p>Where is the result or data regarding this? Ultimately, the cost benefit ratio was calculated on the basis of prevailing market price of yield, insecticides and spraying cost.</p> <p>When was the first spray conducted (days after planting or at 5% infestation rate?)..when was the second spraying at what days after planting? Pls. indicate the exact days you applied the biopesticides.</p> <p>Fig. 1. Assessment of insecticides against diamondback moth, <i>Plutella xylostella</i> in cabbage... be consistent, use biopesticides rather than insecticides.</p> <p>Table 1. Efficacy of biopesticides with Emamectin benzoate on the larval population of <i>P.xylostella</i> in cabb...might as well remove “with Emamectin benzoate” in the caption.</p> <p>Results and Discussion should indicate the Figure number and Table number to guide the reader.</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:

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