

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_108992
Title of the Manuscript:	In-vitro study to standardize the dose of <i>Beauveria bassiana</i> for management of fall army worm
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>	<ul style="list-style-type: none"> Oat is a palatable, succulent and nutritious cereal crop consisting of a passable soluble carbohydrates, fibers and is the supplier of one of the richest sources of the dietary soluble fiber beta-glucan, providing 5.0 g (oat meal) to 7.2 g (oat bran) per 100g serving as per previous suggestions. Pests of oats are either polyphagous or oligophagous and are attacked by several insect pests viz., armyworm, cereal leaf beetle, cutworm, wheat aphid, plant bug, grasshopper, oat thrips, wireworm, cockchafer, fruit fly etc.. Yes, the title of the manuscript is appropriate enough. Yes, the abstract written is comprehensive. Yes, they are appropriate enough illustrating the general sub-sections viz., Abstract, Introduction, Materials and Methods, Results and Discussion, and Conclusion as well. The observations have been documented for the Efficacy of <i>Beauveria bassiana</i> (1×10¹² spores/ml) on <i>S. frugiperda</i> larvae (3rd instar) at different doses and hours after treatment and finely presented. Another possibility for the management of a Newly invasive pest, known as the fall armyworm on fodder oats constitutes the exploitation of microbials which have some recompenses over the use of chemical insecticides, as they are exceedingly host-specific with low environmental contamination. Nevertheless, <i>Beauveria bassiana</i> is a fungus and can be used to control this pest. The references cited are adequate and recent enough. 	
<p><u>Minor</u> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly</p>	<ul style="list-style-type: none"> Abstract, 2nd line: including oats; 4th line: pests- fix the agreement mistake. Abstract, 3rd line: The Oat crop-add an article. Abstract, 5th line: oats is the use-change the verb form. Introduction, 9th line: of oats- change to plural noun. Conclusion, 1st line: worm while lowering- change preposition. Conclusion, 4th line : However, for the- correct word choice. The usage of the English language is appropriate and suitable for scholarly 	

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communications?	communications.	
Optional/General comments	<ul style="list-style-type: none">• Analysis of the different variables was carried out to know the degree of variation amongst all the treatments. The data was statistically analyzed by applying Factorial CRD and analysis of variance of different observations has been given in the appendix. The skeleton of ANOVA for Factorial CRD is presented.• Overall, the manuscript has been laconically authored, and the data has been finely documented.	

PART 2:

	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)
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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