

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_102802
Title of the Manuscript:	“Eco friendly management of Pulse beetle [Callosobruchus maculatus (Fabricius)] on stored Black gram [Vigna mungo (Linnaeus)] at Prayagraj”.
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalijpss.com/index.php/IJPSS/editorial-policy>)

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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"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>It is very useful information, need of the hour</p> <p>Suitable title</p> <p>Covered entire information</p> <p>Structurally arranged, conclusion part should very crisp and short</p> <p>Scientifically execution of work, most appropriate</p> <p>Updated reference are included</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	<p>Good language</p>	
<p>Optional/General comments</p>	<p>In stored grains, damage caused by insects are very common and are of great concern. <i>Callosobruchus maculatus</i> F. is one of the most serious pests that can cause total loss of the stored grain in a few months . The initial infestation occurs in the field itself. It causes decreased germination potential, weight loss and reduction in commercial value of the seeds . Due to attack of <i>C. maculatus</i>, 55-60% loss in seed weight, 45.50-66.30% loss in protein content and pulse seeds have been reported and they became unfit for human consumption as well as for planting . At present pest control measures on storage crops depend on the use of synthetic chemicals, but it is not advisable to mix insecticide with food grains due to the environmental health hazard and development of genetically resistant pest. Moreover, synthetic chemicals are costly and most of the farmers prefer locally available, cheap, and effective method to control the notorious pest. Since most of the farmers store their crops in homes, there is a need to develop safer and cheaper alternatives for insect pest control .</p> <p style="text-align: center;">Author has made effort in scientific execution of experiment.</p> <p>Article is accepted for publication</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:	Shyamrao Kulkarni
Department, University & Country	University of Agricultural Sciences, India