

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_124180
Title of the Manuscript:	Efficacy of insecticides against yellow stem borer (<i>Scirpophaga incertulas</i> Walker) and rice leaf folder (<i>Cnaphacrocis medinalis</i> Guenee) and their impact on natural enemies in rice ecosystem
Type of the Article	Research Article

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>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.</p>	<p>Pesticides play a vital role in the management of the yellow stem borer (YSB) in rice cultivation by offering a direct means of controlling the pest population, thereby substantially mitigating yield losses resulting from the borer's infestation of the rice plant. This, in turn, safeguards crop productivity and secures farmer income. Nonetheless, the use of pesticides requires careful monitoring and integration with other pest management strategies to minimize potential environmental impact. This article provides valuable insights into using effective pesticides to manage the Yellow stem borer and Rice leaf folder and minimizing their impact on natural enemies in the rice ecosystem."</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Title is appropriate</p>	
<p>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.</p>	<p>The abstract is a short, complete summary of the research work. It should start with a statement about the research problem.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>I kindly request that the sub-section "Statistical Analysis and Observations" be added under the "Materials and Methods" section.</p>	
<p>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.</p>	<p>In the text please mention Table numbers in the sections- Materials and Methods and Results. The Materials and Methods section does not clearly explain the statistical method used and the percentage calculated. Data has to be presented in a table with mean± SE, and the significance level has to be mentioned in the table. To show significantly different values, represent the data with superscript alphabets in a column. %Reduction over control can be added to the table.</p> <p>What is the status of the number of natural enemies on 7 and 14 days after treatment? The table shows the number of coccinellids and spiders at 5 days after treatment. Data may be included for 7 and 14 days after treatment to show the impact of pesticides on the natural enemies.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> <p>-</p>	<p>The following references can be included for discussion.</p> <p>Muhammad Matiar Rahaman and Michael Joseph Stout. Comparative Efficacies of Next-Generation Insecticides Against Yellow Stem Borer and Their Effects on Natural Enemies in Rice Ecosystem. Rice Science. 2019 Vol. 23 (3), 157-166.</p> <p>Katel, S., Lamshal, B. S., Singh Yadav, S. P., Timsina, S., Mandal, H. R., Kattel, S., ... Adhikari, N. . Efficacy of different insecticides against the yellow stem borer (<i>Scirpophaga incertulus</i> Walker) (Lepidoptera: Crambidae) in spring rice cultivation. Congent Food and Agriculture.2023. Vol 9 (1).</p> <p>B. Sampath Reddy1, B.N. Chaudhari and P.V. Sanap.Evaluation of Insecticides for the Management of Leaf Folder in Rice Crop. Biological Forum– An International Journal.2023. 15(1): 182-188.</p>	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The manuscript's English language quality can be enhanced by addressing grammatical errors and incomplete sentences.	
Optional/General comments	Please mention the full scientific name of <i>S. incertalus</i> and <i>C. medinalis</i> and the full form of WEH in the introduction. The highest cost-benefit ratio can be mentioned in the paper. Mention the species of natural enemies (spiders and coccinellids) you checked for the effect of pesticides	

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>	

Reviewer Details:

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