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Journal Name:	Asian Journal of Advances in Agricultural Research
Manuscript Number:	Ms_AJAAR_119814
Title of the Manuscript:	EVALUATION OF EMAMECTIN BENZOATE 5%SG AGAINST FRUIT AND SHOOT BORER IN BRINJAL AT TERAJ REGION OF WEST BENGAL
Type of the 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:

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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>	<ol style="list-style-type: none"> Importance for the Scientific Community This manuscript addresses a significant issue in agricultural entomology and crop protection. Brinjal, a crucial crop in South and Southeast Asia, is heavily impacted by the fruit and shoot borer, leading to substantial yield losses. The study evaluates the efficacy of Emamectin Benzoate 5% SG in managing this pest, providing valuable insights for farmers and researchers aiming to reduce crop damage and increase productivity. The findings can contribute to more sustainable pest management practices and improved crop yields, which are essential for food security in the region. Suitability of the Title The title of the article is suitable as it clearly indicates the main focus of the study—evaluating Emamectin Benzoate against the fruit and shoot borer in brinjal at a specific region. It accurately reflects the content and scope of the research. However, a slightly revised title could be: "Evaluation of Emamectin Benzoate 5% SG for Control of Fruit and Shoot Borer in Brinjal in the Terai Region of West Bengal" Comprehensiveness of the Abstract The abstract is comprehensive, providing a clear summary of the study's objectives, methods, results, and key findings. It effectively communicates the bio-efficacy of Emamectin Benzoate at different doses and its superiority over other insecticides in managing the fruit and shoot borer in brinjal. However, the abstract could be improved by briefly mentioning the experimental design and the statistical methods used to analyze the data. Appropriateness of Subsections and Structure The subsections and structure of the manuscript are appropriate and well-organized. The manuscript follows a logical flow, starting with an introduction that sets the context, followed by detailed materials and methods, results, and discussion. Each section is clearly defined, and the use of tables to present data is effective. The conclusion succinctly summarizes the key findings and practical implications. Scientific Correctness The manuscript appears to be scientifically correct. The experimental design is robust, and the data is analyzed using appropriate statistical methods. The results are presented clearly, and the discussion is supported by relevant references. The study's conclusions are well-founded based on the data presented. However, it is recommended to double-check the statistical analysis and ensure all assumptions for ANOVA are met. References Sufficiency and Recency The references cited in the manuscript are sufficient and relevant to the study. They include both recent and foundational works in the field of pest management and brinjal cultivation. However, the inclusion of more recent studies on the use of Emamectin Benzoate and other bio-pesticides could enhance the manuscript's depth. Additional references could include: <ul style="list-style-type: none"> Recent articles on the use of Emamectin Benzoate in other crops. 	

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	<ul style="list-style-type: none"> • Studies on integrated pest management strategies that incorporate bio-pesticides. <p>Overall, this manuscript is a valuable contribution to the field of agricultural science and offers practical solutions for managing a significant pest in brinjal cultivation.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The language and English quality of the article are generally suitable for scholarly communications. The manuscript is well-written, with clear and concise language that effectively communicates the research objectives, methods, results, and conclusions. Technical terms are appropriately used, and the overall readability is good.</p> <p>However, there are minor grammatical issues and awkward phrasings that could be improved to enhance clarity and readability. For instance, some sentences are lengthy and could be broken down into shorter, more digestible parts. Additionally, ensuring consistent use of tense and refining certain expressions would contribute to a more polished and professional presentation.</p> <p>Overall, while the article meets the basic requirements for scholarly communication, a thorough review by a professional editor or a native English speaker would be beneficial to address these minor issues and ensure the manuscript is of the highest possible quality.</p>	
<p>Optional/General comments</p>	<p>### Optional/General Comments</p> <ol style="list-style-type: none"> **Introduction Enhancement**: The introduction provides a good background on brinjal cultivation and its significance. However, it could benefit from a more detailed discussion on the impact of fruit and shoot borer globally, not just in South and Southeast Asia. This would highlight the broader relevance of the study. **Literature Review**: Incorporating a more extensive review of recent literature on Emamectin Benzoate and other bio-pesticides could strengthen the manuscript. Discussing recent advancements and comparing them with your findings would provide a more comprehensive context. **Data Presentation**: The tables and figures are well-organized and contribute to the clarity of the results. However, consider adding graphical representations, such as bar charts or line graphs, to visually depict the percentage reduction in shoot and fruit damage. This can enhance the reader's understanding of the data trends. **Discussion Depth**: While the discussion section is adequate, it could be enriched by exploring the potential mechanisms of action of Emamectin Benzoate against the fruit and shoot borer. Additionally, discussing any observed side effects or environmental impacts of using Emamectin Benzoate would provide a more balanced view. **Future Research Directions**: Including a section on future research directions would be beneficial. Suggestions for further studies, such as exploring the long-term effects of Emamectin Benzoate on soil health or its impact on non-target organisms, would provide valuable insights for researchers. **Practical Implications**: Emphasizing the practical implications of your findings for farmers, particularly in terms of cost-benefit analysis and ease of implementation, would enhance the manuscript's applicability. **Language Refinement**: While the manuscript is generally well-written, a final proofreading to correct minor grammatical errors and awkward phrasings would improve readability and professionalism. **Environmental Safety**: Given the increasing emphasis on sustainable agriculture, discussing the environmental safety of Emamectin Benzoate compared to other conventional insecticides would be pertinent. Highlighting its potential role in integrated pest management (IPM) strategies could also be beneficial. <p>Overall, this manuscript presents valuable research with significant implications for pest management in brinjal cultivation. Addressing these optional comments could further strengthen the manuscript and broaden its impact.</p>	

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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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