

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_127105
Title of the Manuscript:	Assessment of cashew varieties against apple and nut borer, <i>Thylocoptila paurosema</i> (Phycitidae: Lepidoptera)
Type of the Article	

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

<u>Compulsory</u> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
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.	This manuscript is valuable to the scientific community as it addresses the critical pest <i>Thylocoptila paurosema</i> , which significantly impacts cashew production. By assessing cashew varieties for resistance, the study offers insights that can aid in developing effective pest management strategies and support breeding efforts for pest-resilient varieties. This research is crucial for enhancing the sustainability and economic viability of cashew cultivation.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, the title is appropriate	
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.	Yes, the abstract is comprehensive with minor corrections 1. Mentioning the number of varieties screened or the experimental design could give a clearer picture of the study's scale and approach. 2. Conclusion/Implication: Adding a sentence on the implications of these findings—such as potential recommendations for planting resistant varieties or using biochemical traits in breeding programs—would enhance the abstract's impact. 3. Avoid grammatical errors	
Are subsections and structure of the manuscript appropriate?	Yes, the subsections and structure are appropriate	
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.	The manuscript is scientifically sound, using field screening to accurately assess pest resistance in cashew varieties. Its correlation analysis between pest damage and biochemical constituents, such as vitamin C and tannin, provides insight into resistance mechanisms. The findings on resistant and susceptible cultivars offer practical, evidence-based recommendations for sustainable cashew production.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	No, the references are not sufficient – more old references – need to include recent references – discussion part is weak- need to strengthen by adding recent references.	
<u>Minor</u> REVISION comments	No, needs improvement	
Is the language/English quality of the article suitable for scholarly communications?		
<u>Optional/General</u> comments		

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:	V. Jegadeeswari
Department, University & Country	Tamil Nadu Agricultural University, Tamil Nadu