

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_129890
Title of the Manuscript:	Integrated Management Strategies for Cucurbit Mosaic Disease in Cucumber (<i>Cucumis sativus</i>): A Field Study from Assam
Type of the Article	Original Research Article

PART 1: 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. A minimum of 3-4 sentences may be required for this part.	Cucurbit mosaic disease is one of the most serious virus diseases of cucurbits worldwide. It has been reported that different viruses are associated with the disease; viz., cucumber mosaic virus (CMV), watermelon mosaic virus (WMV), zucchini yellow mosaic virus (ZYMV), Pumpkin yellow vein mosaic virus (PYVMV) as well as papaya ringspot virus-watermelon strain (PRSV-W). Aphid transmission is considered the primary mode of transmission of these viruses. Aphids acquire the Cucurbit mosaic virus (CMV) when they feed on infected plant tissue, and the virus can subsequently be transmitted to healthy plants during future feeding activities.	<ul style="list-style-type: none"> ➤ The importance of cucurbit mosaic disease as well as reports of different viruses associated are included in the manuscript introduction part along with vector transmission details ➤ Incidence report in various districts of Assam along with importance of the study are described ➤ Necessity of the IDM approach has been stated also ➤ All the newly added portions suggested by the reviewer are highlighted with green
Is the title of the article suitable? (If not please suggest an alternative title)	An alternative title may be "Integrated Approaches to Combat Cucurbit Mosaic Disease in Cucumis sativus: Insights from Assam"	<ul style="list-style-type: none"> ➤ The title has been changed as per suggestion from the reviewer.
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.	Some points should be added: <ol style="list-style-type: none"> 1. Briefly include why cucurbit mosaic disease is important to manage (e.g., its economic impact or prevalence in the region). 2. State why integrated management strategies were chosen over traditional methods. 3. Mention specific statistical tests or methods (e.g., ANOVA, t-tests) used to analyze the treatment effects. 	<ul style="list-style-type: none"> ➤ Economic impact and disease incidence report from the region are included as per suggestion ➤ Importance of integrated management strategies are included ➤ Statistical methods used to analyze the treatment effects are mentioned
Is the manuscript scientifically, correct? Please write here.	Yes, but the study presents promising findings but is constrained by less research work data and limited geographic scope, which reduce its broader applicability.	<ul style="list-style-type: none"> ➤ The study was a Master's research (PG) work, therefore some limitations with respect to time and geographic area may be considered.
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	No, some recent research paper should be added. From 2020 onwards	<ul style="list-style-type: none"> ➤ The recent references from the year 2020 onwards are included in the manuscript as per suggestion
Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments		

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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>	