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| Journal Name: | [**Journal of Advances in Biology & Biotechnology**](https://journaljabb.com/index.php/JABB) |
| Manuscript Number: | **Ms\_JABB\_131894** |
| Title of the Manuscript: | **Induction of Systemic Resistance Developed by Bioagents to Protect Papaya against Papaya Ring Spot Virus** |
| Type of the Article |  |

**PART 1: Comments**

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|  | **Reviewer’s comment**   |  |  | | --- | --- | | **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer** | | | **review.** |  | | **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)* |
| **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.** | * **Any future researcher can rely on the results of this study to find a logical relationship that shows that the immunity of papaya plants is not affected by the types of experimental units.** * **The definitive results can be used to explain that pathogens and immunity are both controlled by separate genes.** * **New researchers need physiological, physical, and chemical interpretation of the results.** * **Some recommendations can be made to farmers, farm owners, and interested companies that acclimatizing papaya plants by inoculating them with these pathogens is an ineffective method of controlling the studied disease.** | This manuscript emphasizes the effectiveness of bioagents in triggering systemic resistance against Papaya Ringspot Virus, presenting a sustainable strategy for disease control. It offers important insights into plant immune responses while minimizing dependence on chemical pesticides |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Use of bio factors to induce systemic resistance responsible for protecting papaya plants against ringspot virus** | **Induction of Systemic Resistance Developed by Bioagents to Protect Papaya against Papaya Ring Spot Virus** |
| **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.** | **Certainly, the abstract is significant for researchers and it increases the value of the research. I have added some corrections, with my wishes for the researcher to provide clear, summarized results.** | yes |
| **Is the manuscript scientifically, correct? Please write here.** |  | yes |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | **References are few because the research dealt with three methods with eleven experimental units, and most of the sources are somewhat old.** | **Yes, I have mentioned all possible references** |
| **Is the language/English quality of the article suitable for scholarly communications?** | **The language is good, but it needs linguistic correction, which I have added in the review, and for this reason every article writer must work on his article before submitting it.** | Yes, but I have corrected all the sentence as per your suggestions |
| **Optional/General** comments | * **The article lacks the correct arrangement of tables and methods of discussing them, with the deletion of histograms and placing the tables in their correct places.** * **The researcher may need the supervisor's advice in writing to avoid serious errors.** * **Reducing the repetition of phrases** * **Sufficing with mentioning the transaction number without mentioning its details as they are mentioned in the table** * **Some abbreviations of the tables, especially the third table, are not understood** * **The word "in vitro" was repeated twice in parentheses and I have pointed it out** * **Not clarifying the reasons for the lack of physical, physiological and chemical effect of the transactions** * **The research needs pictures of the materials, methods of work and results** * **The research needs a logical recommendation about the mentioned results with mention of modern sources that support its point of view.**   **PLEASE SEE ATTACHMENT** | Okay, I have followed all your suggestions. |

**PART 2:**

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|  | **Reviewer’s comment** | **Author’s comment** *(if agreed with the 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?** | *(If yes, Kindly please write down the ethical issues here in detail)* |  |