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| Journal Name: | [**Journal of Advances in Biology & Biotechnology**](https://journaljabb.com/index.php/JABB) |
| Manuscript Number: | **Ms\_JABB\_141283** |
| Title of the Manuscript: | **In-vitro Evaluation of Biocontrol Agents on Juvenile Mortality of Root-Knot Nematode (Meloidogyne incognita) in Mulberry** |
| Type of the Article |  |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (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.** | **This manuscript holds significant importance for the scientific community as it addresses the urgent need for sustainable and eco-friendly strategies to manage root-knot nematodes in mulberry, a crop vital to the sericulture industry. By evaluating the efficacy of various biocontrol agents and microbial consortia under in-vitro conditions, the study provides foundational insights into alternative methods that reduce dependency on chemical nematicides. The findings contribute to the growing body of knowledge on integrated nematode management and promote the use of biological agents in crop protection. This research also supports the broader goals of sustainable agriculture and soil health preservation, which are critical in the face of increasing environmental concerns.** | This manuscript is of considerable importance to the scientific community as it addresses the pressing challenge of managing root-knot nematodes in mulberry through sustainable and eco-friendly approaches. By systematically evaluating the in-vitro efficacy of biocontrol agents and microbial consortia, the study offers valuable alternatives to conventional chemical nematicides, aligning with current trends in environmentally conscious agriculture. The results enrich the scientific understanding of biological control mechanisms and contribute to the development of integrated nematode management strategies in mulberry cultivation. Moreover, this research reinforces the broader objectives of promoting soil health, biodiversity, and sustainable practices in sericulture and crop protection. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **is clear and informative, but it can be slightly refined for improved readability and scientific impact. Here's a suggested alternative:**  **✅ Suggested Alternative Title:**  **"In-vitro Assessment of Biocontrol Agents Against Juvenile Mortality of Root-Knot Nematode (Meloidogyne incognita) Infecting Mulberry"** | I changed the title as "*In-vitro* Assessment of Biocontrol Agents Against Juvenile Mortality of Root-Knot Nematode (M*eloidogyn*e *incognita)* Infesting Mulberry" |
| 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. | **Your abstract is generally well-structured and informative, but a few refinements could improve its clarity, flow, and completeness for a scientific audience.** | I will correct it |
| Is the manuscript scientifically, correct? Please write here. | Yes, the manuscript is scientifically correct in terms of its core content, methodology, and conclusions. It follows standard scientific protocols for in-vitro evaluation of biocontrol agents and demonstrates a sound understanding of plant pathology, nematology, and biological control. | Thank you for feedback |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references cited in the manuscript are largely relevant and appropriate for the subject matter, particularly concerning Meloidogyne incognita, biocontrol agents, and mulberry cultivation. The list includes both foundational and contemporary studies, with a few recent works (e.g., Hajji-Hedfi et al., 2023; Turatto et al., 2018) that enhance the timeliness of the research. | Thank you for feedback |
| Is the language/English quality of the article suitable for scholarly communications? | The manuscript demonstrates a basic level of clarity and effectively conveys the main scientific ideas. The technical content is understandable, and the structure follows a logical progression from background to methodology and results. However, the English language quality requires moderate revision to meet the standards expected for scholarly communication and publication. | I will correct |
| Optional/General comments | **The study is well-conceived and provides useful experimental data that support the efficacy of microbial consortia, especially under in-vitro conditions. Such work contributes to the ongoing shift toward eco-friendly pest and disease management practices, aligning with global trends in reducing chemical pesticide use.** | Thank u for feedback |

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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?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |