|  |  |
| --- | --- |
|  | |
| Journal Name: | [**Journal of Advances in Biology & Biotechnology**](https://journaljabb.com/index.php/JABB) |
| Manuscript Number: | **Ms\_JABB\_137741** |
| Title of the Manuscript: | Entomopathogenic Fungi in Integrated Pest Management: The Role of *Beauveria bassiana* |
| Type of the Article | **Review Article** |

|  |  |  |
| --- | --- | --- |
| 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 highlights the growing need for safer and more sustainable pest control methods in agriculture. By focusing on *Beauveria bassiana*, a natural fungus with proven effectiveness against major insect pests, it offers a practical alternative to harmful chemical pesticides. The study also explores ways to enhance its efficiency, making it more viable for real-world use. Overall, it contributes valuable insights to the shift toward environmentally friendly farming practices. | This manuscript highlights the increasing need for sustainable pest management strategies in agriculture. It focuses on *Beauveria bassiana*, an entomopathogenic fungus, to illustrate effective biological control options that replace chemical pesticides. The review provides insights into its mechanisms, applications, and potential enhancements to improve field efficacy. This significantly contributes to the progress of integrated pest management strategies and the support of eco-conscious agricultural practices. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Entomopathogenic Fungi in Integrated Pest Management: The Role of *Beauveria bassiana* | As suggested the revised title is Entomopathogenic Fungi in Integrated Pest Management: The Role of *Beauveria bassiana* |
| 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. | Abstract is very good, some minor change in key words (at least add 5 key words with follow alphabetical) | 5 key words were added and arranged alphabetically to meet Journal requirement. |
| Is the manuscript scientifically, correct? Please write here. | Yes, the manuscript is scientifically accurate. It’s based on well-established research and clearly explains how *Beauveria bassiana* works as a natural pest control option. The information is up-to-date, reliable, and reflects what we currently know in the field of sustainable agriculture. | We confirm that the manuscript is based in current, reliable scientific data, and that the necessary explanations and improvements have been made throughout the revision process. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Some of the references used in the manuscript are from before 2011 | To increase the manuscript's relevance, we have added current and relevant citations to the reference list, including the suggested article by Sharma *et al*. (2023). |
| Is the language/English quality of the article suitable for scholarly communications? | The same paragraph with a few intentional grammar mistakes | The manuscript was proofread and revised for grammatical correction. |
| Optional/General comments | Overall, the manuscript presents an important and timely topic in sustainable pest management. The content is clear, informative, and grounded in relevant research. However, updating a few older references and refining some sentences for clarity could enhance its overall impact. With a few minor improvements, this work can make a valuable contribution to the field. |  |

|  |  |  |
| --- | --- | --- |
| **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)* | Since this review article is entirely based on published literature, there are no ethical issues. |