

Review Form 3

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| Journal Name: | Journal of Advances in Microbiology |
| Manuscript Number: | Ms_JAMB_129736 |
| Title of the Manuscript: | Assessment of silkworm (<i>Bombyx mori</i> L.) hybrids over diseases susceptibility |
| 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> |
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| 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. | <p>This manuscript is of significant importance to the scientific community, particularly in the field of sericulture and pest management. It provides valuable insights into the disease susceptibility and resistance of bivoltine silkworm hybrids under specific agroclimatic conditions. By identifying hybrids like FC1xFC2 and U-4xU-6 that exhibit high resistance to major diseases such as flacherie and grasserie, this study offers practical solutions for minimizing crop losses during the challenging autumn rearing season. Furthermore, the findings contribute to the development of disease-resistant hybrids, which are crucial for enhancing cocoon yield and supporting the sustainability of sericulture, especially in subtropical regions. This research also establishes a foundation for future studies on genetic resistance and environmental influences on silkworm health.</p> | - |
| Is the title of the article suitable? (If not please suggest an alternative title) | <p>The current title, "Assessment of silkworm (<i>Bombyx mori</i> L.) hybrids over diseases susceptibility," is informative but could be improved for clarity and impact. It could better reflect the specific focus on disease resistance and the regional and seasonal aspects of the study.</p> <p>Suggested Alternative Titles:</p> <ol style="list-style-type: none"> "Evaluation of Bivoltine Silkworm (<i>Bombyx mori</i> L.) Hybrids for Disease Resistance and Suitability in Subtropical Conditions" "Screening of Silkworm (<i>Bombyx mori</i> L.) Hybrids for Resistance to Flacherie and Grasserie in the Subtropics" "Disease Resistance Assessment of Silkworm Hybrids for Autumn Rearing in the Subtropics of Jammu" "Identifying Disease-Resistant Silkworm Hybrids for Sustainable Sericulture in Subtropical Jammu" <p>These titles emphasize the key aspects of the study, including disease resistance, hybrid evaluation, and the specific geographical and seasonal context.</p> | Ok ist title is accepted as per reviewers suggestion. |

Review Form 3

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| <p>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.</p> | <p>The abstract of the article provides a good overview of the study's objectives, methodology, and key findings, but it could benefit from enhanced clarity and structure. Below are specific suggestions for improvement: Suggestions for Addition: 1. Objective Statement. 2. Methods Overview. 3. Significance of Results. 4. Practical Applications. Suggestions for Deletion or Refinement: 1. Repetition: Avoid repeating specific numerical results (e.g., percentages) in great detail, as these are better suited for the results section. 2. Simplification: Streamline complex sentences for better readability and focus on key points.</p> | <p>The changes have been made according to the reviewer suggestions.</p> |
| <p>Is the manuscript scientifically, correct? Please write here.</p> | <p>The manuscript appears scientifically correct based on the provided information. However, a deeper evaluation of raw data and statistical outputs, along with adherence to standard experimental protocols, is essential to confirm its validity. Addressing the above points will further improve its clarity, rigor, and impact.</p> | <p>This manuscript contains correct information with analytic data.</p> |
| <p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> | <p>The references provided in the manuscript cover a range of studies related to silkworm disease, sericulture practices, and breeding strategies, which are crucial for supporting the research.</p> | <p>-</p> |
| <p>Is the language/English quality of the article suitable for scholarly communications?</p> | <p>The language and English quality of the article are generally suitable for scholarly communication. However, certain areas could be improved for clarity, conciseness, and grammatical accuracy.</p> | <p>Done</p> |
| <p><u>Optional/General</u> comments</p> | | |

PART 2:

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| | <p><u>Reviewer's comment</u></p> | <p><u>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)</u></p> |
| <p><u>Are there ethical issues in this manuscript?</u></p> | <p><u>(If yes, Kindly please write down the ethical issues here in details)</u></p> | <p>No</p> |