|  |  |
| --- | --- |
| Journal Name: | [**Journal of Advances in Biology & Biotechnology**](https://journaljabb.com/index.php/JABB) |
| Manuscript Number: | **Ms\_JABB\_131374** |
| Title of the Manuscript: | **Studies on the effect of Panchgavya and Jeevamrutha on Growth and Yield Parameters of Chilli (Capsicum annum L.)** |
| Type of the Article | **Original Research Article** |

|  |  |  |
| --- | --- | --- |
| **PART 1: Comments** | | |
|  | **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.** | This manuscript contributes valuable insights into the effects of Panchgavya and Jeevamrutha on the growth and yield of Chilli (*Capsicum annum L.*), which is an essential horticultural crop. The study highlights the benefits of organic fertilizers in improving crop yield and soil fertility, promoting sustainable agricultural practices. Given the increasing global interest in organic farming and reducing dependency on chemical fertilizers, the findings have practical applications for farmers and researchers aiming to enhance productivity while maintaining environmental sustainability. Additionally, it strengthens the scientific understanding of bio-enhancers like Panchgavya and Jeevamrutha, supporting future research in agroecology and organic horticulture. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | The current title, *"Studies on the effect of Panchgavya and Jeevamrutha on Growth and Yield Parameters of Chilli (Capsicum annum L.)"*, is relevant but could be made more concise and impactful.  Suggested alternative title:  *"Effect of Panchgavya and Jeevamrutha on the Growth and Yield of Chilli (Capsicum annum L.)"*  This version retains clarity while eliminating redundancy. |  |
| **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.** | **The abstract effectively summarizes the research but could be improved in clarity and completeness. Suggestions:**   * **Specify the key results in numerical terms (e.g., percentage increase in yield compared to the control).** * **Clarify the statistical significance of the findings.** * **Include a brief concluding statement on the practical implications for sustainable farming.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | The manuscript appears scientifically sound and follows a logical structure with appropriate methodologies. The experimental design (RBD with replications) is valid, and the results align with the hypothesis. However, slight improvements could be made in presenting the statistical analysis more clearly, ensuring results are explicitly compared to previous research findings. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references are relevant, but some are outdated. Adding more recent studies (2020 and beyond) on organic fertilizers and Chilli production could strengthen the study. Consider including recent advancements in bio- enhancer applications in horticulture. |  |
| **Is the language/English quality of the article suitable for scholarly communications?** | The language is understandable but needs improvement in grammar, sentence structure, and clarity. Some sections are repetitive, and minor grammatical errors are present. A thorough proofreading and revision for better readability would enhance scholarly communication. |  |
| **Optional/General** comments | * The discussion could benefit from a deeper comparison with existing literature. * Figures and tables should have clearer legends and titles for easier interpretation. * Formatting should be reviewed to ensure consistency in font, spacing, and alignment. |  |

|  |  |  |
| --- | --- | --- |
| **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)* |  |

**Reviewer Details:**

**Mayur A. Dongre, SSVPS LK DR.P.R.G.Sci. College, KBC, NMU Jalgaon, India**