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| Journal Name: | [**Journal of Advances in Biology & Biotechnology**](https://journaljabb.com/index.php/JABB) |
| Manuscript Number: | **Ms\_JABB\_140955** |
| Title of the Manuscript: | **Influence of Phosphatic Fertilizers (PROM and DAP) on Soil Microbial Diversity Across Different Plant Growth Stages of Watermelon** |
| Type of the Article | Research 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.** | The research highlights the importance of organic fertilization for soil health and its microorganism content, as well as the importance of microbial diversity in soil for plant growth. I wish the research had included the effect of this on plant growth and productivity. | We sincerely thank the reviewer for their thoughtful and constructive feedback. We have now included a dedicated section titled **"Scope of the Study"** after the conclusion to clearly describe the broader relevance of our work. This section emphasizes how our findings contribute to the development of sustainable agricultural practices, highlighting the critical role of organic phosphorus sources in enhancing soil microbial health and, indirectly, plant productivity. We acknowledge the reviewer’s observation regarding the absence of direct plant growth and yield measurements. To address this, we have referenced our previous related study (Sahjlan et al., 2025) which evaluated the impact of PROM and DAP on plant productivity in *Citrullus lanatus*. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Good | We thank the reviewer for approving the title. We believe it accurately reflects the scope, methodology, and central theme of the manuscript. |
| **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.** | Good | We appreciate the reviewer’s positive feedback on the abstract. |
| **Is the manuscript scientifically, correct? Please write here.** | Yes | We thank the reviewer for affirming the scientific accuracy of our manuscript. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Yes, the references are sufficient and up-to-date. Please read your notes on the references in the manuscript for correction. | We thank the reviewer for confirming that the references are sufficient and current. |
| **Is the language/English quality of the article suitable for scholarly communications?** | Yes | We appreciate the reviewer’s positive remark regarding the language quality. |
| **Optional/General** comments |  |  |

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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)* | There are no ethical issues in this manuscript. The research was conducted on soil and plants only, without involving any human or animal subjects, and does not require ethical clearance. |