|  |
| --- |
|  |
| Journal Name: | [**Journal of Scientific Research and Reports**](https://journaljsrr.com/index.php/JSRR) |
| Manuscript Number: | **Ms\_JSRR\_138942** |
| Title of the Manuscript:  | **Effect of Foliar Application of Different Organic Liquid Formulation on Growth of Black Sesame (Sesamum indicum L.)** |
| Type of the Article | **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** (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 manuscript holds significant importance for the scientific community, particularly in the context of sustainable agriculture and organic crop management. By evaluating the impact of various organic foliar formulations on the growth parameters of black sesame, the study offers practical insights into eco-friendly cultivation techniques that reduce reliance on chemical inputs. The results, especially the positive influence of Jeevamrut and Panchgavya, contribute to the growing body of knowledge on traditional organic inputs and their role in enhancing plant growth and soil health. This work could serve as a valuable reference for researchers, agronomists, and farmers seeking sustainable alternatives in sesame production and beyond. |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | Yes, the title of the article is generally suitable as it reflects the core focus of the study—evaluating the effect of different organic liquid formulations on the growth of black sesame. However, to improve clarity and scientific appeal, I would suggest you the following title:"Effect of Foliar Application of Organic Liquid Formulations on Growth Parameters of Black Sesame (Sesamum indicum L.)" |  |
| 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 of the article presents the core idea of the study but lacks clarity, conciseness, and a balanced summary of methods, key results, and conclusion. To enhance its scientific value, consider the following suggestions:**1. **Mention key findings such as the highest plant height, leaf length, and dry weight along with the most effective treatment (T4) to make the abstract more impactful.**
2. **Summarize the methodology briefly – Include the experimental design (e.g., RBD, number of treatments, foliar applications) in one concise sentence.**
3. **Clearly state how the study contributes to sustainable agriculture and the significance of using Jeevamrut.**
4. **Remove repeated phrases and streamline language for readability.**
 |  |
| Is the manuscript scientifically, correct? Please write here. | **The manuscript is generally scientifically sound and based on a well-structured experimental design using Randomized Block Design (RBD) with appropriate replication. The data presented are relevant, and statistical parameters like S.Ed and CD at 5% are included to support the analysis. However, there are a few areas that need attention:*** **Treatment descriptions – At times, the description of treatments (like T3 and T4) seems repetitive or incorrectly compared, which may confuse readers.**
* **While general effects are attributed to microbial activity and nutrient availability, deeper physiological or biochemical justifications (e.g., specific roles of nutrients or hormones in sesame growth) would strengthen the scientific basis.**
* **The citation style is inconsistent, and more recent or peer-reviewed literature should be included to support some of the claims.**
 |  |
| **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 limited and, in some cases, outdated (e.g., Palekar, 2006; Morris, 2002). While these may be relevant to the context of traditional organic practices, the manuscript would benefit from the inclusion of more recent and peer-reviewed studies, particularly from the last 5–7 years, that support the role of Jeevamrut, Panchgavya, and other organic foliar sprays in crop improvement.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | The language quality of the article requires improvement for it to meet the standards of scholarly communication. |  |
| Optional/General comments | This manuscript studies the effects of different organic liquid formulations on the growth parameters of black sesame, particularly highlighting the benefits of Jeevamrut and Panchgavya. The experimental design is appropriate, and the results are relevant for researchers and practitioners promoting sustainable agriculture. However, the manuscript would benefit from careful language editing, improved clarity in data interpretation, and strengthening of the discussion with more recent literature. Overall, with revisions, this work holds good potential to contribute to the field of organic agronomy and crop physiology. |  |

|  |
| --- |
| **PART 2:**  |
|  | Reviewer’s comment | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Are there ethical issues in this manuscript?**  |  |  |

**Reviewer details:**

**Muzamil Yousuf, Sher e Kashmir University of Agricultural sciences and Technology of Jammu (J&K) India, India**