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| Journal Name: | **European Journal of Nutrition & Food Safety** |
| Manuscript Number: | **Ms\_EJNFS\_137457** |
| Title of the Manuscript: | **IMPACT OF DIFFERENT GROWING MEDIA AND STEM CUTTING ON THE GROWTH AND YIELD OF BINDU LAU (Lagenaria siceraria L.)** |
| Type of the Article | **Original Research Article** |

PART 1: Comments

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|  | **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 study addresses an important aspect of crop production for *Lagenaria siceraria* (Bindu Lau), a crop with nutritional and economic value in many regions. The integration of organic amendments (vermicompost) and pruning techniques aligns well with sustainable agriculture practices.** |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **Ok** |  |
| **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.** | **Can be improved.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Can be improved.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | **No, Can be improved.** |  |

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| **Is the language/English quality of the article suitable for scholarly communications?** | **Can be improved.** |  |
| **Optional/General** comments | **General Comments:**1. Briefly explain why vermicompost and pruning are hypothesized to be beneficial.
2. Consider breaking long sentences into two for clarity, particularly the one summarizing the M2P2 performance.
3. Specify that these recommendations apply under the agro-climatic conditions of the study area to avoid overgeneralization.
4. Authors are advised to provide the physicochemical properties of the growing media used, especially the vermicompost.
5. The phenological effects of pruning on plant architecture and flower induction.
6. Seasonal suitability beyond the Rabi season.
7. Include limitations or scope for future work, such as long-term soil health impacts of continuous vermicompost use, and varietal responses.
8. Authors are advised to report data along with SD in each table.
9. Provide the good figures for *Lagenaria siceraria* (Bindu Lau), which will strengthen the authenticity of the manuscript.
10. Revise the conclusion as per results obtained.

**Recommendation:**This study provides robust evidence in support of an effective agronomic practice (M2P2) for maximizing Bindu Lau production. With minor improvements and revisions, the MS can be accepted for publication. |  |

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| **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?**  | *(If yes, Kindly please write down the ethical issues here in details)* |  |

**Reviewer Details:**

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