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| Journal Name: | [**Asian Journal of Research in Agriculture and Forestry**](https://journalajraf.com/index.php/AJRAF) |
| Manuscript Number: | **Ms\_AJRAF\_133105** |
| Title of the Manuscript: | **Adaptation and Growth Performance of Different Bamboo Species in Highland Area of Bale, Oromia Region, Southeast Ethiopia** |
| Type of the 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 *(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 study presents valuable insights into the adaptation and growth performance of various bamboo species in the highlands of Bale, Oromia Region. Considering the ecological and economic importance of bamboo, particularly in Ethiopia, the research fills a significant knowledge gap. The findings, especially highlighting the superior performance of Dendrocalamus dienbienensis, D. Membranaceus, and D. Asper, contribute to ongoing efforts to diversify bamboo resources in the region. This work is crucial for future research on propagation techniques and sustainable bamboo management |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes, the title accurately reflects the study’s content and scope. |  |
| 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 covers the key points of the study well. However, I recommend simplifying the sentence structure to improve readability. For example, instead of “The values pointed, D. Dienbienensis, D. Membranaceus... had better adaptability potential than others,” you could write, “The results indicate that D. Dienbienensis, D. Membranaceus, and D. Asper demonstrated better adaptability and growth performance than other species.” |  |
| Is the manuscript scientifically, correct? Please write here. | Yes, the study is methodologically sound. The use of randomized complete block design (RCBD) and detailed measurements of survival rate, culm height, and other growth parameters ensure scientific rigor. The analysis using R software is appropriate and supports the conclusions. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references are relevant and mostly recent. However, it would be beneficial to include a few more recent studies (2023-2024) on bamboo adaptability and climate resilience, if available. |  |
| Is the language/English quality of the article suitable for scholarly communications? | The manuscript's language is generally clear, but some sections would benefit from smoother sentence flow. For instance, in the introduction, “It was in 2007 exotic Bamboo species introduction to Ethiopia was started...” could be rephrased as, “The introduction of exotic bamboo species to Ethiopia began in 2007...” A light proofreading would enhance readability. |  |
| Optional/General comments | The study could further strengthen its practical impact by including a brief discussion on how these findings can inform local farmers or policymakers. Additionally, exploring the economic viability of cultivating the high-performing bamboo species would add a valuable dimension to the research.  No ethical issues are apparent.  No competing interests are observed  No plagiarism is detected based on the provided manuscript. |  |

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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)* |  |

**Reviewer details:**

**Khalida Shahni, Manipur University, India**