

# Review of: "Optimizing Agronomic Practices for Aerobic Rice under Calcareous Soil in Bihar"

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**Potential competing interests:** No potential competing interests to declare.

This research provides valuable insights into optimizing agronomic practices for aerobic rice cultivation in Bihar. The methodology is sound, and the findings are well-supported by statistical analysis. However, the study could benefit from a discussion on the economic feasibility of implementing these practices on a large scale, as well as potential environmental impacts.

1. Additionally, the introduction section relies on outdated sources, specifically Bouman et al. (2005) and Prasad (2011). It is essential to incorporate recent literature to provide a more current context.
2. The methodology section lacks details on the experimental setup, design, and fertilizer management, which are critical for replicating the study.
3. In the conclusion and recommendation sections, the guidelines are not clearly articulated. To enhance their utility for farmers, the study should provide simplified nitrogen scheduling guidelines that are easier to implement.
4. Also, incorporate acknowledgements and authors' contributions in the article.