

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.

Overall, the study is a good attempt to understand the optimal parameters for better yield. However, details are lacking in the way experiments were done and conclusions are made. The introduction needs to be rewritten to include more information on the hybrids and varieties used, known differences between them, respective references, etc.,

It is not clear which variety/hybrid was used for experiments 2 and 3, nor whether the soil nutrient content was the same throughout the experimental time frame of 5 years. It would be better if details for parameters like soil content, hybrid variety, water usage, and differences in the overall temperature were mentioned more clearly.

Conclusions from individual experiments, though mentioned clearly, need statistical evidence to support proper conclusions. Also, a separate section for conclusions is required to summarize the findings in a better way.