

Review Form 3

Journal Name:	Asian Journal of Environment & Ecology
Manuscript Number:	Ms_AJEE_123558
Title of the Manuscript:	Understanding the Impact of Varietal and Seed Replacement Rates in India
Type of the Article	

General guidelines for the Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<ul style="list-style-type: none"> • The article explores the impact of varietal and seed replacement rates on agricultural productivity and farmer livelihoods in India. • It highlights the role of improved seed varieties in boosting crop yields and contributing to food security. • The reviews are relevant for policymakers, extension services, and seed industry stakeholders, aiding in the promotion of sustainable agricultural practices. 	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>If the authors wish to retain the title "Understanding the Impact of Varietal and Seed Replacement Rates in India," the focus of the article must be more centered on the actual impact of seed replacement rates. This should include a detailed analysis of how these rates influence productivity, farmer income, and agricultural sustainability. If the article does not delve deeply into these impacts, it may be more appropriate to remove the word "Impact" from the title to better align with the content.</p>	
<p>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.</p>	<p>In the abstract, I would recommend incorporating concrete data instead of relying on hypothetical information. For example, instead of general statements, include specific figures such as the current national average Seed Replacement Rate (SRR) of 25-30% in key crops like wheat and rice, and compare this to the recommended SRR of 33% or higher.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The structure of the article is fine if the author chooses not to include the word "Impact" in the title. However, if the author wishes to retain "Impact," detailed information on the actual effects of varietal and seed replacement rates should be provided, ideally with a dedicated subtitle such as "IMPACT." Additionally, at the end of the article, there should be a section offering practical recommendations and implementation strategies for policymakers, focusing on how seed replacement policies can be optimized to improve agricultural productivity and farmer livelihoods</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p><input type="checkbox"/> In the manuscript, there are continuous errors in the review and reference sections, such as the capitalization of the first word, missing spaces, omission of 'and' between two authors, and repetition of the same reference within the same paragraph.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p><input type="checkbox"/> Some studies included are unrelated to the article's subject and should be excluded. i.e. Gitonga <i>et al.</i></p> <p><input type="checkbox"/> In the "Situation" section, the author should focus more on the Indian context, and additional relevant studies and reviews specific to India should be incorporated.</p>	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The language in the article reads more like a collection of reviews. The author should adopt a more scholarly tone, presenting the information with deeper analysis and critical insight rather than merely summarizing existing studies.</p>	
<p>Optional/General comments</p>	<p>The author should incorporate additional data-based reviews, specifically focused on the Indian context. Including more studies that highlight the unique agricultural, economic, and environmental conditions in India will provide a stronger foundation for the article and make the analysis more relevant to the target audience.</p>	

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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