

Review Form 1.7

Journal Name:	Asian Journal of Soil Science and Plant Nutrition
Manuscript Number:	Ms_AJSSPN_119241
Title of the Manuscript:	Effect of amendments on physicochemical and biological properties of sodic soil and yield of rice
Type of the Article	Original Research Article

PART 1: Review Comments

	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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>It is a good contribution. I have sent in the edits needed.</p> <p>The manuscript titled "Effect of amendments on physicochemical and biological properties of sodic soil and yield of rice" addresses a significant issue in agricultural science, particularly the challenge of improving sodic soils to enhance crop yield. The study's focus on using gypsum, green manure, green leaf manure, and press mud as amendments is highly relevant given the global need for sustainable soil management practices. The experimental approach is well-conceived, and the use of rice (CO 52) as a test crop provides practical insights into the effectiveness of these amendments. The inclusion of various soil properties and biological activities as metrics for evaluation is comprehensive and adds depth to the research.</p> <p>However, the manuscript would benefit from a more structured and concise presentation. The abstract is verbose and could be streamlined to highlight the key objectives, methods, results, and implications succinctly. The introduction could be better organized by clearly delineating the background, the significance of the study, and the specific research questions or hypotheses. The literature review, which is currently intertwined with the introduction, should be separated and elaborated upon to provide a clear context for the study and identify gaps in existing research that this study aims to fill.</p> <p>The results and discussion sections, while detailed, could be enhanced by providing more in-depth interpretations of the findings and comparing them with existing literature. This would help in understanding the broader implications of the study. Additionally, the conclusion should be expanded to encapsulate the main findings more comprehensively and suggest practical applications and future research directions. Overall, with these improvements, the manuscript has the potential to make a significant contribution to the field of soil science and sustainable agriculture.</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	Major revisions	
<p>Optional/General comments</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>	No

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