

### Review Form 3

Journal Name:	<a href="#">Asian Journal of Soil Science and Plant Nutrition</a>
Manuscript Number:	Ms_AJSSPN_128025
Title of the Manuscript:	ENHANCING CROP DIVERSIFICATION IN SALINE HYDROMORPHIC SOILS: EVALUATING PERFORMANCE OF COWPEA WITH POTASSIUM SOLUBILIZING BACTERIA IN PROBLEMATIC KAIPAD AGRO-ECOSYSTEM
Type of the Article	Original Research Article

#### PART 1: 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>
<b>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.</b>	This study is highly relevant for India, where saline-prone soils and degraded lands create significant agricultural challenges. It highlights the potential of cowpea cultivation supported by potassium solubilizing bacteria (KSB) as a sustainable solution. This approach helps diversify crop options and improve soil health in problematic areas. It aligns with India's goals of enhancing food security, improving farmers' livelihoods, and fostering resilience in coastal and marginal agro-ecosystems. Together, these efforts contribute to the nation's agricultural sustainability and economic growth.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	<b>Title is suitable. Authors can think of an alternative title such as , "Optimizing Cowpea Cultivation in Saline Soils: A Sustainable Approach for Kaipad Agro-Ecosystems"</b>	
<b>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.</b>	<b>Abstract is concise and covers all the content of the manuscript</b>	
<b>Is the manuscript scientifically, correct? Please write here.</b>	It is scientifically Correct and methodical	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	Sufficient	
<b>Is the language/English quality of the article suitable for scholarly communications?</b>	Thorough revision is needed for English grammar and spellings.	
<b>Optional/General</b> comments	<p>Good study.</p> <p>Few general comments:</p> <p>Could the delayed germination and stunted growth of cowpea in saline hydromorphic Kaipad soils be attributed solely to soil texture and salinity, or might other environmental factors like microbial populations or temperature also play a role?</p> <p>Considering the high phosphorus levels observed in all treatments, do you foresee any potential long-term imbalances or environmental implications, such as nutrient runoff, that might arise from these practices?</p> <p>Any comments on the long-term effects of feldspar and mica applications on soil potassium dynamics and overall soil health?</p>	

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**PART 2:**

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

**Reviewer Details:**

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