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REVIEWER'S REPORT

Manuscript No.: JNAVS -073

Title: Soil Salinity and Agricultural Productivity: Causes, Impacts, and Sustainable Reclamation Strategies.

Recommendation:
Accept as it is .....
Accept after minor revision.....
Accept after major revision .....
Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality			✓	
Techn. Quality		✓		
Clarity	✓			
Significance		✓		

Reviewer Id: JPR-121

Reviewer's Comment for Publication.

The manuscript provides a clear and relevant review of soil salinity and its implications for agricultural productivity, soil health, and sustainable land management. A notable strength is the appropriate distinction between saline and sodic soils and the recognition that reclamation strategies should be selected according to soil characteristics, irrigation-water quality, drainage conditions, and the severity of degradation rather than applying a uniform treatment. The discussion of electrical conductivity, soil structure, drainage improvement, salt leaching, gypsum application, organic matter management, salt-tolerant crops, monitoring technologies, and farmer education provides useful practical information. However, minor revisions are recommended before publication. The literature review should be strengthened with a larger number of recent peer-reviewed studies, particularly research on modern salinity assessment, irrigation technologies, salt-tolerant crop varieties, remote sensing, and long-term reclamation outcomes, as the present reference list is relatively limited and includes some older sources. The methodology should also explain more clearly how the literature was identified and selected for this narrative review. Greater critical comparison of different reclamation strategies, including their effectiveness, costs, water requirements, environmental trade-offs, and suitability under different soil and climatic conditions, would improve the scientific depth of the paper. The authors should also carefully check the formatting and references and replace the provisional author contribution, conflict-of-interest, and funding statements with finalized author-specific declarations. Subject to these minor revisions, the manuscript is suitable for publication.

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