

Review Form 1.7

Journal Name:	Asian Soil Research Journal
Manuscript Number:	Original Manuscript_ASRJ_117689
Title of the Manuscript:	Dielectric characteristics of Fertilizer Treated Agricultural Soil: A Low-Frequency Analysis
Type of the Article	Research Article (Analysis)

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> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>This manuscript is indeed important for the scientific community, particularly for researchers in the fields of agriculture, soil science, and environmental monitoring. It provides valuable insights into how urea contamination affects the dielectric properties of soil, which can inform better fertilizer management and environmental assessment practices.</p> <p>The current title is mostly suitable but could be made more concise. An alternative title could be: "Low-Frequency Dielectric Properties of Urea-Treated Agricultural Soil"</p> <p>The abstract is comprehensive and effectively summarizes the study's objectives, methodology, and anticipated findings. It clearly outlines the scope of the research, the variables studied, and the potential implications of the results.</p> <p>The subsections and structure of the manuscript appear appropriate. The flow from the introduction to the methodology, results, discussion, and conclusion is logical and allows for a coherent presentation of the research.</p> <p>Based on the provided abstract and conclusion, the manuscript seems scientifically sound. The methodology involving the use of an LCR meter to measure dielectric properties is appropriate for the study's aims.</p> <p>The review of references is not possible from the provided text. However, for a comprehensive study, it is crucial to include recent and relevant references that cover both foundational and contemporary research in soil science, dielectric properties, and the impact of fertilizers on soil.</p>	<p>Agree</p> <p>Agree, the title modified as' Diagnosing Health of Agricultural Soil Treated with Urea Fertilizer: A Low-Frequency Dielectric Analysis'</p> <p>Agree, more references are included.</p>
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes</p>	
<p>Optional/General comments</p>	<p>Proof Reading has to be done</p>	

[Review Form 1.7](#)

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>	