

**Review Form 1.7**

Journal Name:	<a href="#">International Journal of Plant &amp; Soil Science</a>
Manuscript Number:	<b>Original Manuscript_ IJPSS_118045</b>
Title of the Manuscript:	<b>Characterization and Comparative Analysis of Soil Fertility Status of Suwana block of Bhilwara District of Rajasthan</b>
Type of the Article	

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**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><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li><b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li><b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li><b>Is the abstract of the article comprehensive?</b></li> <li><b>Are subsections and structure of the manuscript appropriate?</b></li> <li><b>Do you think the manuscript is scientifically correct?</b></li> <li><b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<ol style="list-style-type: none"> <li><b>The manuscript is important for the scientific community. This is because it gives a vivid description of different categories of soil quality that will enhance better harvest of different species of crops since each crop will certainly need its best condition for proper germination.</b></li> <li><b>The title of the article is suitable</b></li> <li><b>The abstract is comprehensive but will need to be adjusted using the template to correct some grammatical words and make it readable and logical:</b> The present research was conducted from Suwana block in Bhilwara district of Rajasthan to assess the fertility status of cultivated land. Soil near and far away from industries area was carried out at the Sam Higginbottom University of Agriculture Technology and Sciences, Prayagraj, Department of Soil Science and Agricultural Chemistry formerly called Naini Agricultural Institute, (U.P.). During the year 2023-2024, the soil samples were collected at the single depths of 0-15 cm from 30 different villages of one block of Bhilwara district, a total of 90 samples collected and analysed for their physical and chemical parameter by using Standard Laboratory technique. The result showed that the pH of soil samples was observed from neutral, slightly alkaline to strongly alkaline. The EC is good for cultivated land in the area. Soil organic matter content (%) was found in low to medium range. Available nitrogen was low, phosphorus was low to medium, potassium was medium to high, sulphur was low to high in the soils of Suwana block. Calcium and magnesium had been enough in variety of studied areas.  <b>4. Subsections of the manuscript: Let the article be re-arranged as follows:</b> <b>Introduction: The introduction is good but will need to be free of grammatical errors eg</b> <b>a. Is generally referred</b> <b>b. Slightly decomposed</b> <b>c. Fig. 1 Location map of Suwana block in Bhilwara district of Rajasthan should be at the base of the map not at the top. Furthermore, this map has to move to location and climatic condition of the area ie bellow</b> <b>Location and climatic condition of the area:</b> The studied area selected from Bhilwara district in Suwana block shown in figure 1. It's situated between latitude of 25°26'21.25"N and a longitude of 74°35'3.86"E or 25.439235 and 74.584406 respectively. The studied area comes under Sub Agro ecological Sub Region (ICAR) Northern Plain (And Central Highlands) Including Aravalli's, Hot Semi-Arid Eco- Region Agro-Climatic Zone (Planning Commission) Central Plateau and Hills Region (VIII) Agro Climatic Zone (NARP) Sub Humid Southern Plain Zone (RJ-06) Bhilwara district has a dry climate due to low rainfall and arid region zone of Rajasthan. <b>Materials and Method</b> The remaining content in materials and method are relevant for this subsection. <b>Result and Discussion</b> The content of this subsection are very crucial for the study result <b>Conclusion</b> The soils under study areas are low in N, P and S is medium while K was found in the soil from medium to high quantity. Calcium and Magnesium were observed to be sufficient in soils of Suwana block. All areas show similar values of B.D., P.D., except WHC which is high in sewage water irrigated area as compared to areas away from industries. Please, let the author define all letters there in ie N is Nitrogen, S is sulphur etc <b>5. The article is scientifically correct</b> Reference list will need be updated by sticking to your journals reference style. There are currently about 3 styles in the article. The reference pattern has also been poorly written with lots of citation</li> </ol>	

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	not referenced. Please let the author do justice to this before publication. Example is Ratan et al., 2011 and Joshi et al., 2013 are not referenced.	
<b>Minor</b> REVISION comments <b>1. Is language/English quality of the article suitable for scholarly communications?</b>	Yes, but there is need for adjustment in the article for proper communication	
<b>Optional/General</b> comments		

**PART 2:**

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

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