

Review Form 3

Journal Name:	Asian Journal of Soil Science and Plant Nutrition
Manuscript Number:	Ms_AJSSPN_123146
Title of the Manuscript:	PHYSICO-CHEMICAL PROPERTIES OF SOIL OF SUGARCANE AREA OF NAVSARI DISTRICT
Type of the Article	Original Research Article

General guidelines for the Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The manuscript deals with the subject of the physical and chemical properties of the soil in the Navsari district where sugarcane is grown. The manuscript shows in a very clear way the important properties of the studied soil at two depths. The paper investigated a large number of localities and has a large number of soil samples. A lot of effort and time was invested in the work to take samples and show their properties.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, the title of the article is suitable.	
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.	The abstract is excellently written and comprehensive.	
Are subsections and structure of the manuscript appropriate?	Subsections and structure of the manuscript are appropriate	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	The work used modern technologies such as: Sentinel 2 satellite data from the year 2021 were acquired from the Copernicus site to identify the sugarcane producing area, ERDAS IMAGINE software and Q-GIS software. In addition, a large area under sugar cane was cultivated. A large number of samples were taken in the field from the surface and deep soil layers. All samples are very well analyzed and their main characteristics are described for soils used for sugarcane cultivation. The paper very clearly describes the physical and chemical properties of the investigated area	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	References are properly discussed and sufficient. Authors who dealt with that issue in the earlier transition are cited. Everything is perfectly fine.	
<u>Minor</u> REVISION comments Is the language/English quality of the article suitable for scholarly communications?	English language is quality for scholarly communications. Expertise and quality of work are certainly at an excellent level.	
<u>Optional/General</u> comments	The manuscript represents an excellent scientific research work. Readers will find it very easy and accessible to understand the basis of the research, as well as the need for such research. The physical and chemical properties of the soil for the area where sugarcane is grown are presented. The author gives importance to the soil and its preservation from degradation, and in addition to researching the physical and chemical properties of the soil of the examined area, he also uses modern software. The author or authors invested a lot of effort and covered a large area with a large number of soil samples that they tested in the laboratory. The scientific data shown in this paper are significant and will be of great use for data on land for sugarcane cultivation in India and throughout the world where this plant is grown.	

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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>	

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