

### Review Form 3

Journal Name:	<b>International Journal of Plant &amp; Soil Science</b>
Manuscript Number:	<b>Ms_IJPSS_120256</b>
Title of the Manuscript:	<b>GEO-SPATIAL SOIL FERTILITY MAPPING FOR KHAPRADIH FARM AT DKS COLLEGE OF AGRICULTURE, BHATAPARA CHHATTISGARH</b>
Type of the Article	<b>Original Research Article</b>

#### **General guideline for 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 guideline for Peer Review process, reviewers are requested to visit this link:

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**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	Reviewer's comment	<b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.</p>	<p>The research work and manuscript is very important and need of the hour since it focuses on the nutrient status of the soil including micro nutrients and fertility status of the soil. This is very useful for the scientific community to find the recommended doses or optimum doses of fertiliser requirement of the soil and also farming community in deciding the quantity of different fertilisers to be applied to gain the maximum yield and there by achieving maximum profits from cultivation of different crops in the study area. This study also beneficial for the farming community to reduce their cost of fertilisers application and there will be no under utilisation or over utilisation of the fertilisers in the cultivation of crops. Therefore the findings of this study not only reduces the cost of cultivation but also increases the crop yield and farm profit by knowing the fertility status and nutrient requirement of the soil.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes</p>	
<p>Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>Yes</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes</p>	
<p>Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.</p>	<p>The research work and manuscript is very important and need of the hour since it focuses on the nutrient status of the soil including micro nutrients and fertility status of the soil. This is very useful for the scientific community to find the recommended doses or optimum doses of fertiliser requirement of the soil and also farming community in deciding the quantity of different fertilisers to be applied to gain the maximum yield and there by achieving maximum profits from cultivation of different crops in the study area. This study also beneficial for the farming community to reduce their cost of fertilisers application and there will be no under utilisation or over utilisation of the fertilisers in the cultivation of crops. Therefore the findings of this study not only reduces the cost of cultivation but also increases the crop yield and farm profit by knowing the fertility status and nutrient requirement of the soil.</p>	
<p>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p>	<p>Yes</p>	

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Minor REVISION comments  <b>Is language/English quality of the article suitable for scholarly communications?</b>	Yes	
<b>Optional/General</b> comments	Before proceeding for the publication, the following doubts need to be clarified; 1. What is the rationale behind the selection of 101 sample soils? Is it purposively? Or randomly? 2. In case of results and discussion chapter ( page no. 4), replace the word soils with soil or types of soil 3. In table 5, there are only 100 samples ( 3+97). How about remaining 1? why the total number of samples is not 101 here? 4. Why there are only 9 samples in table 9 ? how about remaining 92 samples ? 5. Why the sample size is more than the actual sample size in table 10? It is 124 instead of 101.  Please clarify or give explanations on the above doubts/corrections.	

### **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>	

### **Reviewer Details:**

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