

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_101666
Title of the Manuscript:	Assessment of Variation Among Physico-chemical Properties of Soil of Maize as Influenced by Levels of NPK and Vermicompost at Eastern Uttar Pradesh
Type of the Article	

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:

(<https://www.journalijpss.com/index.php/IJPSS/editorial-policy>)

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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>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>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. The manuscript is important for scientific community, knowing that the success of agriculture production has been attributed to the widespread use of high yielding varieties. Among several inputs, fertilizers have been the kingpin for the transformation of Indian agriculture from subsistence to surplus. The aim of the present manuscript was to study the variation among physico-chemical properties of soil, growth and yield of maize as influenced by levels of NPK and vermicompost. The authors concluded that it is not possible to maintain soil fertility and productivity by the sole application of either organic manure or inorganic fertilizer source.</p> <p>2. Yes, the title of the abstract is suitable, the present manuscript aiming at studying the potentiality of partially substituting mineral fertilizers by some organic additives on growth and yield of lettuce grown on a clayey soil and a sandy one as well as their chemical and physical properties.</p> <p>3. The abstract of the article is comprehensive.</p> <p>4. The subsections and structure of the manuscript are appropriate.</p> <p>5. Yes, the manuscript is scientifically correct. The text is clear and easy to read.</p> <p>6. The list of references is relatively recently.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The English quality of the article is suitable for scholarly communications.</p>	
<p>Optional/General comments</p>	<p>Attention at the reference list. Some names of species are not italic. Please to correct.</p> <p>Examples:</p> <p>Manjunatha, M. V., Rangaswamy, V., & Jagadeesh, K. S. (2017). Effect of integrated nutrient management on soil physico-chemical properties and yield of maize (Zea mays L.) under rainfed conditions. Journal of Crop and Weed, 13(2), 49-54</p> <p>Singh, P., Singh, M., and Singh, R. K. (2021). Influence of nitrogen on growth, yield, and quality of maize (Zea mays L.) under varying planting dates. International Journal of Current Microbiology and Applied Sciences, 10(3), 2281-2293.</p> <p>Singh, A., Sharma, R. K., Singh, S., & Singh, Y. (2014). Response of growth and yield of rice (Oryza sativa L.) to integrated nutrient management in Typic Haplustept soil of Punjab. Indian Journal of Agricultural Sciences, 84(9), 1161-1166</p> <p>Singh, S.K., Kumar, S., Singh, A.K., Singh, M.K., Singh, R.K. (2015). Effect of nitrogen, phosphorus and potassium levels and vermicompost on growth, yield and nutrient uptake by maize (Zea mays L.). Journal of Applied and Natural Science, 7(2), 816-820.</p>	

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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>	

Reviewer Details:

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