

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_101030
Title of the Manuscript:	Soil Chemical Properties as affected by Tillage method, Phosphorus and Lime application
Type of the Article	Original Research 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><u>Compulsory</u> REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>It is quite useful information for further research to be conducted in Kenya</p> <p>Suitable article</p> <p>Need to mention the year of research/for how year they have conducted research</p> <p>Well arrangement of article</p> <p>Almost used scientific tools and technologies</p> <p>Need to add some more recent references</p>	
<p><u>Minor</u> REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	<p>Need to improve some sentences</p>	
<p><u>Optional/General</u> comments</p>	<p>Author results revealed that Tillage-P-lime interactions significantly increased soil pH, extractable P, exchangeable Ca, CEC, and reduced exchangeable Al. Combining plough tillage with Phosphorus in form of TSP and lime application was observed to significantly increase soil pH, P, CEC, Ca and Mg, and reduced exchangeable Al while combination of plough tillage, phosphorus in form of DAP and lime application was observed to significantly increase extractable P, CEC and AL. Combination of strip tillage, lime and Phosphorus in form of TSP on the other hand, increased exchangeable Ca in the soils. It can be concluded that integrating ploughing with either LP or DAPL can be possible options in the management of soil pH, available P, calcium, magnesium, Aluminium and CEC in acidic soils. Further studies are, however, required to ascertain the long-term effects of the tillage methods on such soils for sustainable soil health and productivity.</p> <p>Article is recommended for publication.</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>	

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