



SDI Review Form 1.6

Journal Name:	Journal of Agriculture and Ecology Research International
Manuscript Number:	Ms_JAERI_49182
Title of the Manuscript:	INFLUENCE OF ORGANIC AND INORGANIC SOIL AMENDMENTS ON SOIL pH AND MACRONUTRIENTS
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:

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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)
Compulsory REVISION comments	<p>Abstract</p> <p>introduction</p> <p>Study area: Describe the soil characteristics of the location</p> <p>1, Abstract: Result from each treatment should be reported as a basis for comparism from which final conclusion and recommendation is drawn.</p>	<p>Corrected Health - Fertility Of- On Most superior- best</p> <p>Added to key words: soil amendment, macronutrient</p> <p>implicated in increasing changed to reported to increase</p> <p>destined changed to prepared</p> <p>health changed to fertility</p> <p>Also, the organic matter affects different physicochemical characteristics of the soil</p> <p>corrected enhancing growth and consequently promoting yields of crop</p> <p>corrected from Shabaan to Shabaan et al.</p> <p>justification added: This middle zone of Kiambu county form part of the semi-arid areas and the soils are easily eroded. The soils are sandy or clay thus can only support drought resistant crops such as soya beans and sunflower as well as ranching. This current study will help to improve water holding capacity and soil nutrient reserves as while as soil pH</p> <p>Low fertility soils are mainly found in the middle zone and the eastern part of the county which form part of the semi-arid areas. The soils in the midland zone are dissected and are easily eroded. The soils are sandy or clay and can support drought resistant crops such as soya beans and sunflower as well as ranching.</p>



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	<p>Methods</p> <p>2. 3. Preparation of soil amendments: This section should be reviewed. Specify in a clear logical manner how each named treatment was prepared.</p>	<p>The experiment was carried out between July, 2017- September, 2017 and between November, 2017- January, 2018 and was replicated three times for the two seasons.</p> <p>Super-hydro-grow polymer was applied in 12 plots of 2.4 m x 3.75 m at the rate of 200 ml/m² using knock- sprayer. Combination of ChalimTM + Super-hydro-grow polymer was applied at the rate of 227.81 g per 2.4 m x3.75 m plot (250 kg/ha) and 2.4 m x 3.75 m at the rate of 200 ml/m² respectively. Metham sodium + Super-hydro-grow polymer was applied in in a 2.4 m x 3.75 m plot at the rate of 200 ml/m² and 3969 g per 2.4 m x3.75 m plot (4355.56 kg/ha). Metham sodium +Orange peel treatment was applied in a 2.4 m x 3.75 m at the rate of 200 ml/m² and Orange peel rate of 3969 g per 2.4 m x3.75 m plot (4355.56 kg/ha). Brassica tissue + Orange peel treatment were applied at a rate of 3969 g per 2.4 m x3.75 m plot (4355.56 kg/ha) and Orange peel at a rate of 3969 g per 2.4 m x3.75 m plot (4355.56 kg/ha) respectively. Pre-determined concentrations of all the amendment were applied per furrow and the crop of interest planted.</p> <p>that use of plant-based corrected to</p> <p>That the use of plant-based.....</p> <p>those changed to- those of</p> <p>will consequently produce better yield.</p>
Minor REVISION comments	<p>RESULTS AND DISCUSSION: For clarity, 1. All results should be presented first before discussion 2. Results for each season should be presented separately. OTHERS: See comments on manuscript</p>	<p>Correction done: results should be presented first before discussion-done</p> <p>Results for each season are presented separately using different colour from the graph</p>
Optional/General comments		



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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>	