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Journal Name:	Asian Journal of Soil Science and Plant Nutrition
Manuscript Number:	Ms_AJSSPN_44658
Title of the Manuscript:	Impact of nitrogen forms and levels on yield and quality of rice in Kirinyaga and Kisumu counties Kenya.
Type of the Article	Original Research Article

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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.

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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	Line 5. Kenya (Remove the point/dot) Lines 8-31. - Use different sub-section names (Aims, Study design, Place and Duration of the Study, Methodology, Results and Conclusion), as given in the MS word SDI paper template. - The abstract should be concise and informative. It should not exceed 300 words in length. You have 318 words. Line 17. "in designated research stations" remove! Line 20. (0kg^{ha}⁻¹, 25kg^{ha}⁻¹ and 50kg^{ha}⁻¹ 0, 25 and 50 kg^{ha}⁻¹ Lines 25, 151, 153, 203, 209. 50kg^{ha}⁻¹ 50 kg^{ha}⁻¹ Line 32. -Put keywords alphabetically! - Keywords should be inclined (italicized) and should not be in bold. References must be listed at the end of the manuscript and numbered in the order that they appear in the text. Every reference referred in the text must also be present in the reference list and vice versa. In the text, citations should be indicated by the reference number in brackets []. Ex. (Fageria <i>et al.</i>, 2008) should be replaced in the text by [1]; (Atera <i>et al.</i>, 2018) by [2]; (Cakmak, 2008) by [3]; etc. Line 57. in increased rates of malnutrition in the world (Add 'in')	



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	Line 62. Therefore, this implies that that there is... (Remove the repeated word) Line 75. 22.9 °C but Line 78. 12°C (Harmonize the writing of °C, either you separate it to the number, either you did not in all the manuscript). Line 79. It... the tropical climate and the equatorial rainfall patterns, (Add comma (,)) Lines 87-88. See line 20 Line 89. ~~3m by 4m.~~ 3 m by 4 m. (Put the space between the number and the unit) Line 97. AOAC (2007) (Close the bracket) Line 105. Associations ??? between variables The provenance (place of obtention) of plant material used in this study was not mentioned Line 110. 3. Results and Discussions Line 112. Figure 2 Figure 1: Where is Fig. 1 in the manuscript? Line 118. ~~(Fig. 2 b)~~ (Fig. 1b) Lines 123-124. - Figure 2: Fig. 1 Regression analysis between nitrogen and grain yields based on different nitrogen sources in Ahero study site (a and b) and Mwea study site (c and d). - Where is Fig. 1 in the manuscript? - I did not see a, b, c and d in the figure. Line 132. ~~(Fig. 2 c and d)~~ (Fig. 1 c and d) Line 137. ~~90kg^{ha}-1~~ 90 kg^{ha}-1 Line 138. level.. (Remove one point/dot) Lines 150, 159, 176, 201. <i>P</i> is always italicized and capitalized. Lines 152, 154. ~~163.8mgkg⁻¹ and 195mgkg⁻¹~~ 163.8 mgkg⁻¹ and 195 mgkg⁻¹ ~~119.5mgkg⁻¹ in Ahero and 139mgkg⁻¹~~ 119.5 mgkg⁻¹ in Ahero and 139 mgkg⁻¹ Line 156. ~~Table 1:~~ Table 1.	
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	Lines 158-159. Figure legends should be inclined (italicized) Line 178. N forms/~~sources~~ sources Line 180. ~~%in~~ % in Lines 194-195. Similar findings ~~were~~ reported by Song <i>et al.</i> (2012) ~~were reported~~, indicating that an increase in... Line 202. Figures should be presented as per their appearance in the text. You should not put Fig. 2 before Fig. 1. Line 204. ~~21.67mg kg⁻¹ and 26.83mg kg⁻¹..~~ 21.67 mg kg⁻¹ and 26.83 mg kg⁻¹. Lines 207-208. ~~Figure 1.~~ Fig. ~~2~~ Zinc concentration as affected by nitrogen levels and forms in Ahero (a) and Mwea study sites (b) respectively. ~~--~~ Lines 220-226. - What advise (N forms and rate) do you give to the farmers of your study area? - What are the prospects of this study? Line 222. The micronutrients including, Iron and Zinc ~~have been were~~???? increased in... Lines 227-315. References are poorly written. Authors must follow the guidelines for writing references. - References must be listed at the end of the manuscript and numbered in the order that they appear in the text. Every reference referred in the text must also present in the reference list and vice versa. - Lakshmanan et al. (2005), Welch (2005), Fitzgerald et al. (2009) are present in the references but are absent in the text. - Khalil et al. (~~1997~~) is present in the text but Khalil et al. (~~1987~~) in the references. - ~~Ahemed~~ et al. (1993) is present in the text but ~~Ahmed~~ et al. (1933) in the references. - AOAC (2007), Jones and Cases (1990) are present in the text, but are absent in the references.	
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<u>Minor</u> REVISION comments	This article is fairly well written. Guidelines for the article presentation of the journal and MS word SDI paper template must be taken into account by the authors. English syntax errors have been detected in the text. Re-reading of the manuscript is strongly recommended.	
<u>Optional/General</u> comments		

PART 2:

	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)
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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