



SDI Review Form 1.6

Journal Name:	Asian Journal of Research in Crop Science
Manuscript Number:	Ms_AJRCS_40863
Title of the Manuscript:	Nitrogen Use Efficiency in Maize (zea mays l.) as Affected by Rates of Nitrogen Fertilizer Application on Different Soil Types in Yola, Adamawa State, Nigeria
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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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>The results are not well presented. There's need for proper understanding of statistics in order to make good result presentation.</p> <p>Soil textural class is quite different from soil type. This calls for a modification of the topic to reflect textural class NOT soil type.</p>	<p>Thank you</p> <p>All necessary corrections have been effected</p>																						
Minor REVISION comments	<p>The resultant results from the revision may necessitate some changes in the discussion.</p> <p>Names of journals cited should be written in full – there should be no abbreviation in the names of journals listed in the references</p> <table><tr><th>Line</th><th>Comment</th></tr><tr><td>19 - 20</td><td>Delete “and soil types”. You only mentioned soil textural class not soil types.</td></tr><tr><td>79</td><td>Replace ‘moisture peaking’ with ‘rainfall peak’.</td></tr><tr><td>80</td><td>Recast thus ‘The soil textutal classes of the experimental sites were clay loam and sandy loam respectively and are classified as typic haplustalf’ (insert a reference).</td></tr><tr><td>100</td><td>Mention the name of the pre-emergence herbicide used</td></tr><tr><td>101</td><td>How many days after sowing is your tasseling stage Mention it? You need to be specific about the time of your split application.</td></tr><tr><td>129</td><td>‘Nitrogen accumulated in was calculated as product of nitrogen concentration’ and what? (Nitrogen accumulated = %N x Dry shoot weight)</td></tr><tr><td>173</td><td>You have ‘soil textural class’ not ‘soil types’</td></tr><tr><td>175 - 176</td><td>Result showing the effects of soil textural class and fertilizer rates on nitrogen accumulation/plant of maize was only significant in 2010 but not in 2011 and 2012 (Table 2 line 196, considering your LSD values). Look into this and improve your narration of the results.</td></tr><tr><td>198</td><td>Soil textural class NOT ‘soil type’. Note and effect changes going forward.</td></tr><tr><td>199 - 224</td><td>Look at the results vis-à-vis the LSD. The meaning of significance is that if you add the LSD value to a result given by one treatment, it is</td></tr></table>	Line	Comment	19 - 20	Delete “and soil types”. You only mentioned soil textural class not soil types.	79	Replace ‘moisture peaking’ with ‘rainfall peak’.	80	Recast thus ‘The soil textutal classes of the experimental sites were clay loam and sandy loam respectively and are classified as typic haplustalf’ (insert a reference).	100	Mention the name of the pre-emergence herbicide used	101	How many days after sowing is your tasseling stage Mention it? You need to be specific about the time of your split application.	129	‘Nitrogen accumulated in was calculated as product of nitrogen concentration’ and what? (Nitrogen accumulated = %N x Dry shoot weight)	173	You have ‘soil textural class’ not ‘soil types’	175 - 176	Result showing the effects of soil textural class and fertilizer rates on nitrogen accumulation/plant of maize was only significant in 2010 but not in 2011 and 2012 (Table 2 line 196, considering your LSD values). Look into this and improve your narration of the results.	198	Soil textural class NOT ‘soil type’. Note and effect changes going forward.	199 - 224	Look at the results vis-à-vis the LSD. The meaning of significance is that if you add the LSD value to a result given by one treatment, it is	
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	226 - 247	Look at the results vis-à-vis the LSD and change the narration accordingly.	
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	271	There may be a need to review the discussion based on all modifications to the results presented.	
	317	Write the names of journals in full and italicize.	
<u>Optional/General</u> comments	The paper is publishable after the correction had been effected.		