



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2014_AJEA_12661
Title of the Manuscript:	The Influence of Sowing Dates on the Growth and Yield of Two Maize (<i>Zea mays</i> L.) Varieties cultivated under Southern Guinea Savannah Agro-ecological Zone.
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	Choice and stating of experimental design was not correct for this task. Reason, there were two factors under consideration according to the author namely: Maize cultivar and sowing dates hence the randomise complete block design was not applicable here. No graphical display was done for the interaction between cultivar and date of sowing, for the measured variables leaf area, number of ears/plant, ear length, ear girth, number of kernels/plant and 100-kernel weight. ABSTRACT 15. Use this: The factors were arranged in a 2x3 factorial style in a randomised complete block design with three replications. INTRODUCTION Ok. No Corrections. MATERIALS AND METHODS 86. Remove "and" between 4 and 18 or better still re-state as 4th May, 18th May and 1st June, 2014. 87 & 88. Replace the experimental design, randomised complete block with 2 x 3 factorial experiment arranged in randomised blocks with three replications. 90. Change population to density and round up 66666.67 plants ha⁻¹ to 66,667 plants ha⁻¹. 96. Put "at" between plant and 50 %.	In my opinion, the experimental design used for the study was appropriate because the experiment was a sort of 2 x 3 factorial laid out in randomised complete block design. No graphical illustrations were done for the interaction between cultivar and date of sowing for leaf area, number of ears/plant, ear length, ear girth, number of kernels/plant, and 100-seed weight because they were not significant at 5% probability level as stated in the body of the work.



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<u>Minor</u> REVISION comments	Use of present tense in the result and discussion section. Omissions. Wrong use of prepositions in the text. RESULTS AND DISCUSSIONS 106. Put ($p < 0.05$) between significant and effect 140. Replace “higher” with “highest” 159. Replace “not” with “no” 160-191. Change “is” to “was” 200. Put slash / between ears and row. 202. Specify this by saying “that 4 th May sowing date was.....” 207. Put “ for” between information and improving 211. Can you re-construct your table in Excel!!! Reason, the words below the title are distorted. 222. Do same to table 2.	Corrections effected
<u>Optional/General</u> comments No further comment		