



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	Ms_AJEA_20078
Title of the Manuscript:	Growth and Yield Components of Sweet Potato (<i>Ipomoea batatas</i> L.) and their Interrelationships with Root Yield
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)
<u>Compulsory</u> REVISION comments	1. What is the research hypothesis? 2. Which sweet potato variety showed better results. You did not talk about the variety in results or conclusion. 3. What do the research results suggest for agronomic practise to increase the sweet potato yield? 4. The statistical analysis has to be clearly explained, the results are all over the place. 5. The results are very confusing. 6. What statistical program has been used?	1. This is not required of the AJEA reporting template. 2. This is not an expected outcome of a correlation/ path coefficient analysis, as variables were not varietal specific. 3. This is out of the scope and objectives of the research. 4. This is fully explained in section 2.5 of the text. 5. The results clearly spelt out the essence of path coefficient analysis by partitioning the total correlations into the direct, indirect and percentage contributions of the various characters to root yield. As such these were not vague nor confusing. 6. Standard formulae/ relations were used (see section 2.5 of the text) using an Excel spread sheet.
<u>Minor</u> REVISION comments	1. Requires more recent references 2. What does BUK and MJB mean in table 1. Please spell out before you abbreviate and for table add them in the legend.	1. Most of the references cited were recent. 12 out of 20 references cited were between 2000 – 2015, while only 2 were in the 1990 – 1999. Others are either standard procedures or relations which were not superseded by recent ones and hence remains valid. 2. This is noted and corrections effected and highlighted in the text as “BUK” Bayero University, Kano and “MJB” Minjibir.



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	3. Please check the formatting errors. 4. 'Sweetpotato' needs to be separated as 'Sweet potato'. 5. Please add details of the company from where the hydrometer and other instruments were purchased.	3. There was strict compliance with AJEA reporting template. 4. "Sweetpotato" is one word as agreed by International Convention. Refer CIP web site http://www.sweetpotatoknowledge.org for details. 5. There is strict compliance with AJEA reporting template. This suggests that only methods of analysis be stated.
<u>Optional/General</u> comments		