



SDI Review Form 1.6

PART 1:

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2013_AJEA_3767
Title of the Manuscript:	Evaluating the Effects of Staking and Planting Dates on the Yields of African Yam Bean, <i>Sphenostylis stenocarpa</i> in Nigeria

General guideline for Peer Review process is available in this link:

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

- This form has total 7 parts. Kindly note that you should use all the parts of this review form.



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PART 2: 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	<p>Introduction l 79: Okpara DA, on sowing date of AYB; Olaposi OA, on fertilization of AYB.</p> <p>Materials & methods:</p> <ul style="list-style-type: none"> • Did the author have any attempt to measure some environmental variables (e.g. temperature, amount of water received by plants)? • Data on plant development (number of branches, dry weight of plant parts, number of pods per plant) are missing for accurate interpretation of the effects. • Time of harvesting : what about the diverse durations of vegetation in relation to planting dates? <p>Results:</p> <ul style="list-style-type: none"> • The author stated that he performed analyses of variance but there are no anova tables in the paper. Such tables must be included in order to have clearer ideas about factor effects. • the authors don't show any vegetative growth parameters. Did factors had an effect on the relative growth of the aerial and underground part of the plant. • Did staking of AYB have an effect on the incidence of pests infestation ? 	



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	Discussion: <ul style="list-style-type: none"> • l169: write infect instead of infestation • Influence of local weather variables are not discussed. • Did the factors affect the competition for assimilate between grains and tuber? 	
<u>Minor</u> REVISION comments	Introduction L60: comparison with sweet potatoes is not clear Material and methods Section 2 should be divided into two parts. The actual 2.1 should be 2.2.	
<u>Optional/General</u> comments	Reference <ul style="list-style-type: none"> • More bibliography can be obtained on the effect of rate of fertilizer, planting density and photoperiod on tuber-forming legumes • Also discuss on photoperiod response in tuberous legumes 	

Note: Anonymous Reviewer