



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_30778
Title of the Manuscript:	Physico-Chemical Properties and Resistance of Ten Bambara groundnut (<i>Vigna subterranean</i>) Varieties to Attack by <i>Callosobruchus maculatus</i> (Fabricius) (Coleoptera: Chrysomelidae) in the Sudano-sahelian and Sudano-guinean Zones of Cameroon
Type of the Article	Original Research paper

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		
Minor REVISION comments	Line 33: --- a weight loss of more than 21 % and 100 % damaged Do you mean 21% to 100% or where do those values apply? Refer to the reference for clarification Line 52: ----- in a giving given environment Line 64: are giving given in table 1 and figure 1 Line 103: respective rang ranges of Line 106: each variety have been were individually Line 145: ... which have emerged ranged range from Line 155: higher number in this last one. Write the complete words to avoid confusion. Line 156-157: correlated within environment. Do you mean within the two environment (SS and SG)? Line 286: as a result in of varieties variability • According to your results, did you counted the number of eggs laid in each variety? The differences in the emergence of <i>C. maculatus</i> can be due to the number of eggs laid (may be in some varieties more eggs were laid than others) or other factors which you have discussed. • Kodek which proved to be more susceptible to <i>C. maculatus</i> were used during rearing of the bruchids. Why did you chose Kodek variety during colony establishment? Any idea relating to the results?	Line 33: Clarification was done. - Corrections in other lines were also done. • The number of eggs laid which has been reported to be influenced by physical properties of the grains was not counted. The number of adults which emerged from different varieties may be associated with the number of eggs laid. According to the previous the number of emerged adults may be correlated with the grains physical characteristics. This was not true in the case of our study and the number of eggs laid was then less important. Some modifications were done in discussion section. • Sorry, Kodek was used during rearing of the bruchids for experiment with cowpea (another manuscript) and cowpea was used for experiment with Bambara groundnut.



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<u>Optional/General</u> comments	The paper is good, work on the given comments for more quality paper.	
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