



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2013_AJEA_5780
Title of the Manuscript:	Differential Susceptibility of some Cowpea Varieties to Field infestation by Arthropod Pests in Mubi region of Sudan Savannah ecological zone of Nigeria.
Type of the Article	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	1. Methodology was not well written in terms of clarification: -when exactly the period of cropping season (months) -how did you standardize the practice in all plots? Was there any pesticide application? If yes, how did you standardize between plots. This is to ensure that no other factors than insect pests influence yields, damages on crops etc -How frequent do you sample the pests and when? -What is the unit of yield per plot? Was it gram/m² (or is it g/16m² as mentioned in your text and how did you convert it to tonnes/ha (is it? or kg/ha. Please be consistent in the unit used) -Data analysis: one way or two way ANOVA. Please state (i assumed it was one way ANOVA) 2. I strongly feel that the paper will be more meaningful if the author could correlate the parameters taken eg surviving pod and healthy pods (and also the abundance of pests) with the yield obtained (Correlation analysis)	This was improved upon see yellow background. This is provided in yellow background see paper Standard agronomic practices approved for cowpea cultivation in this area were used as described in the text. See relevant section of aer, Yellow background. g/16m² ; to convert this to yield/ha = $\frac{10000\text{m}^2 \times \text{yield /plot}}{16\text{m}^2 \text{ (plot area)}}$ OK One-way ANOVA We as well strongly feel that the analysis carried out was adequate to achieve our set objectives for the study.



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	3. At what stage did the insect pests attack? Were there any records on the abundance of each species recorded from each plots? Which also can be analyzed to investigate the most common/major pests? Please refer to manuscript for detailed comments	
<u>Minor</u> REVISION comments	1. 3 references in the ref. List are not in the text 2. 7 references in texts are not in the list of ref. 3. Make sure the means and their S.E has the same decimal place. 4. Table 5 pg 11: insert the S.E. write the remark on the significant letter and insert the letters. 5. Table 1 pg 8: give letters to indicate significance and write remark on the significance letter Please refer to manuscript for detailed comments	Addressed- see yellow background. Ref. Not intent were deleted. Means and their standard errors same decimal Places. Inserted- yellow background text. Letters are indicated for raw means (yield/plot) –yield/ha are extrapolations from plot area yields.
<u>Optional/General</u> comments	There are some sentences which need to be rewritten for further clarification. The sentence structure is confusing.	This was done, we now fell its clear