



SDI Review Form 1.6

PART 1:

Journal Name:	<u>American Journal of Experimental Agriculture</u>
Manuscript Number:	2013_AJEA_4212
Title of the Manuscript:	PHYSIOLOGICAL AND BIOCHEMICAL RESPONSES OF TWO CULTIVARS OF PHASEOLUS VULGARIS L. TO APPLICATION OF ORGANIC FERTILIZERS AND NILE COMPOST IN SANDY SOIL
Type of the Article	Research paper

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)
Compulsory REVISION comments	The publication is interesting and it may be useful for user in agriculture, but much to implied use of materials (e.g. Nile compost what is that??) in the work. The detailed composition of the compost and treatment of this before use etc. However, the work is performed in the green-house and therefore far from the field in the composition in soil etc. This should be mentioned. This is important for the composition of all the compounds in the different parts of the plants. The results are not well enough discussed and why it is these compounds to be analysed and not others and how it is connected with the compost etc.. The composition and content of the compounds in the compost are not analysed. That could have been quite relevant for the compounds in the crop. It is wrong to write "free amino acids" both in the abstract and in the text. When you hydrolyze with HCl at 110oC and in 24hours you will decompose all the amino acid-associated with other compounds too, and then it is not the free amino acids. I am not sure it is the total neither, since decomposition of proteins may need a stronger treatment with e.g. sulphuric acid. All abbreviations in the tables should be explained (no.; **, L.D.S. ; XXXns; CV. etc.). In Table 8 it is written Total amino acids in % of what etc.? When you read a scientific publication nothing should be detected as "implied" for the international reader and the publication is useless. You loose your	



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	reader.....!!	
<u>Minor</u> REVISION comments	The work is well planned and the number of replicates is OK. However, the statistic evaluation of the results is not mentioned at all. How is that done? In Reference: Steven AC the pages is not mentioned. There is a lot of small corrections to be made. Please investigate this before submission.	
<u>Optional/General</u> comments	See above	

Note: Anonymous Reviewer