



SDI Review Form 1.6

Journal Name:	Journal of Agriculture and Ecology Research International
Manuscript Number:	2014_JAERI_14503
Title of the Manuscript:	EVALUATION OF DIFFERENT MANURE SOURCES IN SOIL FERTILITY IMPROVEMENT AND YIELD OF FLUTED PUMPKIN IN AN ULTISOLS OF SOUTHEASTERN NIGERIA
Type of the 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.

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(<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	The article is nicely written. The soil at the test site contains a lot of mobile Fe and Al (if CEC is really 9,60 cmol/kg, and not 5,62 vmol/kg). According to our National guidelines (for the temperate zone), Na should be less than 1% of total CEC, but in your case it is 8,35% ! I guess that the data in table 1 refer tho the soil before plant growth, and control in table 3 after plant growth; please specify ! Which NPK fertilizer did you use ? In my country, the most frequently used types are: N: P2O5 : K2O = 15/15/15 20/8/8 13/13/21 15/10/10 6/12/24 12/12/17 You see that this would make some differences !	The data on table 1 are the results of laboratory analysis conducted on the initial soil sample (composite sample) from the study site. The observation you made could be subjected to other studies to verify reason behind this increase. The data in table 1 refers to soil analysis results before planting and that of table 3 was soil analysis results after the final harvest. These were spelt out on the titles of the tables. Fertilizer type used was NPK 15:15:15 as indicated in the materials and method section of the work.
<u>Minor</u> REVISION comments	Total N before the experiment is low. In the reference available to me, 0,49 g/kg have been given for the Sudan Savannah Zone	The work was carried out in derived savannah area.
<u>Optional/General</u> comments		