



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	Ms_AJEA_22446
Title of the Manuscript:	Yield performance, market tuber quality and evaluation of sugar and starch activity of two Ghanaian varieties of sweet potato (<i>Ipomeoa batatas</i> (l) lam) as influenced by chicken manure and inorganic fertilizer
Type of the Article	Original Research 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.

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 <i>(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)</i>
Compulsory REVISION comments	Ms_AJEA_22426 Review Comments -The manuscript needs a thorough editing for the grammatical expressions used. The vine diameter was this higher or thicker? The abstract should be rewritten. -The introduction did not properly introduce the crop. The author(s) should please provide the world production figures and yield level, highest producing countries and production figures as compared to obtainable in Ghana. -The methodology is not fully explained. The author(s) should reproduce the materials and method section. M&M very clumsy. Was the experiment located at the same location each year or at different sites of same location? Description of study location using weather data and soil / manure analysis, followed in order by experimental design/treatments types, plot size and plant population per plot and in total number over net land area, land preparation methods, management methods, viz: weeding, fertilizer application, etc. Proximate analysis/tissue analysis. Data collection by first listing the parameter followed by description of measurement approach used and the data analysis. Please refer the	Highest producing country has been added, production figures are not available for Ghana These issues with the materials and methods section have been addressed



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	author(s) to highlighted comments on PDF -The author(s) should reproduce a sentence as indicated. 'The treatments comprised of seven treatments which included full dose Chicken manure (10 t/ha) applied alone, mixture of manure and inorganic fertilizer at lower rates of half dose NPK fertilizer applied at three levels using either 15:15:15, 15:23:23 or 15:30:30 each added with half dose chicken manure (5 t/ha) and higher rates of NPK fertilizer applied at three levels using either 30:30:30, 30:45:45 or 30:60:60 compared with the unfertilized plots. t/ha)' There is no indication whether the data for the affected tubers from Rating Scale used was transformed before analysis. -The author(s) should please rearrange the order of treatments in the table and conform to a particular trend. The author(s) cannot have Table 1a & b separately, should try to put them together for comparison sake The graphical representations are better provided as tables. Figure line curves are clumsy and mostly not significantly different, please use tables. Verdict Table suggestion also attached	The order of the treatments have been reorganized, Table 1a & 1b have been removed and replaced by texts. Figures for vine length and vine diameter have been replaced with tables. Table 5 & 6 have also been merged as suggested
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		