



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	Ms_AJEA_29013
Title of the Manuscript:	BULKING AND YIELD OF CASSAVA (<i>Manihot esculenta</i> Crantz) FOLLOWING APPLICATION OF ORGANIC AND INORGANIC FERTILIZERS
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.

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>)



SDI Review Form 1.6

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	Revision: Line 1: Align title to the right ! (Check the journal format). Line 1-2 : BULKING, AND, YIELD AND NUTRITION OF CASSAVA (<i>Manihot esculenta</i> 1 Crantz) FOLLOWING APPLICATION OF ORGANIC AND INORGANIC FERTILIZERS Line 4: Put keyword after an abstract (in italic), and to separate words using semicolon, example <i>Keywords: Cassava; fertilizer; bulking and yield</i> Line 5: Use uppercase and bold for ABSTRACT Line 6-7 : The research was conducted at Namong Senior High Technical School in the Offinso Municipality, ~~in~~ the Ashanti Region of Ghana to determine bulking and yield of cassava..... Line 10: The treatments comprised <u>of</u> two cassava varieties... Line 21: Use number and bold for 1. INTRODUCTION and align it to the left. Line 23 : According to Nweke <i>et al.</i> (1994), it is believed <u>that cassava to have</u> been introduced into Africa by... Line 37 : ...<u>the nutrient composition- levels</u> of cassava Line 38: ~~The specific objectives of this research were to determine:~~ ~~39—the effect of fertilizer application on tuber yield of cassava;~~	



SDI Review Form 1.6

	~~40—the effect of fertilizer application on time of bulking (root initiation and tuberization) of~~ ~~41 cassava;~~ ~~42—effect of combined application of organic and inorganic fertilizer on cassava root yield.~~ (The objectives were already stated) Line 43: Use number and bold and align the text to the right for 2. MATERIALS AND METHODS Line 45 : in the Offinso Municipality, ~~in the~~ Ashanti Region Line 45: The area ~~falls~~ <u>is located</u> within latitudes 6°45N and 46 7'25N, ~~and~~ longitudes 1°65W and 1°45E , <u>and</u> at an elevation of 250m- 300m above sea level. Line 57: 2.1 Data collected Line 71: 2.2 Data analysis Line 61 : ...and then converted to ~~kilograms (kg) per hectare and then to~~ tonnes per hectare to.... Line 63: ...~~by to~~ the total dry biological yield. Line 63-64: ~~The d~~Diameter of ~~the~~ tubers per plant was ~~taken measured with by using~~ vernier calipers and the average <u>of tuber diameter</u> was calculated for each plot. Line 65: Four plants were harvested and the mean weight of the root tubers ~~was calculated~~<u>taken</u> Line 67: the dry weight <u>was</u> measured. Line 70: ...(until constant weight~~s~~)..... to estimate the dry weights. Line 72: ...using the ~~(GENSTAT, 2012)~~ package. Line 75: Use number and bold and align the text to the right for 3. RESULTS Line 76: 3.1 Fresh tuber yield, <u>s</u>Storage root dry matter and <u>h</u>Harvest index	
--	---	--



SDI Review Form 1.6

	Line 80: No need to repeat the value $P < 0.05$ throughout the results part, as you already stated (line 77). Line 90: ... the greatest harvest index which <u>was</u> differed~~nt~~ significantly ($P < 0.05$) from... Line 94 : Put table in centre and omit the unit (t/ha) as you already stated in the table, example: Table 1. Effects of variety and application of organic and inorganic fertilizers on fresh tuber 95 yield ~~(t/ha)~~, storage root dry matter and harvest index (HI) in 2014/2015 growing season Line 126: 3.2 Root weight Line 127: No need to repeat the value $P < 0.05$ throughout the results part, as you already stated before. Line 145: Put title of table in centre. Not colon (:) but fullstop (.) Line 147: Omit underline for Root weight (in the table) Table 2. ~~∴~~ Effects of variety and application of organic and inorganic fertilizers on fresh root 146 weight per plant of cassava in different months ~~of~~ <u>harvesting after planting</u> in 2014/2015 growing season Line 181 : 3.3 Tuber girth Line 182: No need to repeat the value $P < 0.05$ throughout the results part, as you already stated before. Line 196-197: Put Table as a center text. Omit the unit (mm) in the title of table. Follow the same suggestion as I mentioned for the Table 1 and 2. Line 233: 4. DISCUSSION (you have to follow the right format) Line 298: 5. CONCLUSIONS (you have to follow the right format).	
--	--	--



SDI Review Form 1.6

	Line 305: REFERENCES (align text to the left). Line 306-373: You wrote the references in the wrong format. You have to follow the right format according to the journal. Comment: 1. As you use factorial design, is there no interaction effect? 2. To cite the references throughout the text, you only need to put the number but not the name and year.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

Reviewer Details:

Name:	<i>Saraswati Prabawardani</i>
Department, University & Country	<i>Faculty of Agriculture, the University of Papua, Manokwari, West Papua, Indonesia</i>