



SDI Review Form 1.6

Journal Name:	<u>Journal of Experimental Agriculture International</u>
Manuscript Number:	Ms_JEAI_37631
Title of the Manuscript:	Profitability of Yam-Maize-Soybean Enterprise Among Resource Poor Farmers Using Herbicide for Weed control in the Northern Guinea Savanna.
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>)

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	Topic suggested; Profitability of of herbicide weed control in yam-maize-soybean enterprise, in Bwari Area Council of the Federal Capital Territory 8 (FCT), Nigeria LINE 11; Delete s from regression Line 11; shows not show N/B; No result in net income which is the topic of discuss in the abstract. Line 20 – 23; Delete Key word; Profitability, Yam-maize-soybean, Resource poor farmers, Herbicide, Weed control. Lines 29 – 30; Delete. Line 34 = Reconcile this with the argument in your work. Lines 34 – 37; Recast with short and simple statements N/B Why no information on this enterprise mix and possible types of herbicide use. Pls, number your objectives in Roman figure. Line 64; No Aluko, et al (2007) in your references Line 73 = put area and delete site. Line 74 = Delete located at and add of. Line 75; Put fullstop (.)after Abuja. Start with It and delete and and put lies between not at. N/B Missing information under line 72; i)Population figure of Bwari, land area, no of towns and villages, ii)Climatic information on Temperature, rainfall, relative humidity. Line 80= Delete the internet citation and put the name of the author. Line 82; Delete and replace with sampling technique and Sample Size. Line 83= Remove and put under	I disagree with the adjustment in terms of study area as this the location is one of the study areas. Besides, savanna in the title justifies the environmental aspect of the study. Done Done Done Done Done Deleted the sentence. Done Information on enterprise mix and types of herbicides used provided. Done Removed as there are considerable citations. Done Done Done Done Done Done

	the caption Data Collection(not in your work)	Done
	Lines 85 – 90= Your sampling technique is faulty. Pls, treat it stage by stage.	Done
	Line 92; Use only map of FCT and show Bwari. You don't need map of Nigeria.	Done
	Lines 96 and 97 = State the analytical tools for each of the objectives.	Map completely removed.
	lines 108 and 112 =Delete equation	Done
	Line 114 = Profit is not measured in hectares but in Naira.	I disagree with this. The model used in the regression analysis needs to be stated.
	Lines 116 = Education is not measured in liters but in years.	Done
	Line 112 = Planting material is not measured in Naira but in kg.	Done
	Line 125 = What do you mean by that expression?.	It is actually a mix up. Corrected.
	Line 125 = Number the equation	Done
	Lines 126 – 128 = Put all the equations of the multiple regression functional forms.	Corrected
	Line 141 = shows not show	Done
	Line 143; Put N in the Nevertheless in capital letter.	Done
	Line 145; Delete enable them to and put can. Also, delete therefore where able to.	Done
	Line 146 = Add made immediately after observation	Done
	Line 147 - 148; This farmer in this study were with the youthful age.	Done
	Line 148; Put full-stop (.)immediately after education . Pls. start the next word with capital letter.	Done
	Line 152; are not were	Done
	Line 153 = add of after mean.	Done
	Line 154 = Recast and use farm size as against farms.	Done
	Line 155 = Cultivates not cultivate.	
	Line 156; Recast.	
	Line 159; Implication not implications	Done Not necessary
	Line 167; Delete the former and replace with Costs and returns Also, put s to total variable cost	Done
	Line 171 = Recast by punctuating well.	Done
	Line 208 = Suggests not suggested.	Done
	Line 176 = Delete revenue and	Done

	put in line 117 and push the other items down as in total variable cost and fixed cost. Lines 185 and 196 = Under quantity and price, your figures are incredible. Imagine using 12 persons to apply fertilizer, while 5 persons for land preparation per hectare. Which of them is more tedious? Imagine your price of fertilizer. Fertilizer is between N6500 - N7500 in my local village in Southeast of Nigeria compare to you within Federal capital Territory where virtually all actions take place. Please re-quantify the items or forget about that objective. Pls. add more information to the objective by creating a column in the table that will represent the percentage contributions of physical inputs, labour and total variable costs to total costs of production. Alternatively, you can do it for individual important variables in the table and compare them to the total cost of production Line 197 = At what interest rate you computed and why?. N/B Cost of land was it not depreciated?. You lumped it just like that in your Table. I am not comfortable with your computations Line 209 = Determinants not determinant Lines 211 = Start four with capital letter after full stop after Table 3. Lines 211 - 213 = Put positive sign in semi log. in order to show that it is the chosen functional form. Lies 228, 230 and 234 = Not in line 132 for discussion, why?. Pls. add them and discuss them Line 242 = Delete the bracket of 0.86 and put indicates not indicated Lines 243 – 246 = Delete. You cannot test hypothesis with F ratio here. If you want to test, you can use t – test. Line 217 = Does it mean that all the constants were not significant?. If not put in them their respective significant levels. Lines 281 – 236 = Put the figures	Done Done Done Corrected This is not necessary as the work is already lengthy. Prevailing rate as at 2016. Corrected. It was depreciated. Done Done Done Done Done
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	in Xs in sub –scripts. Lines 253 -255 = Recast Line 252 = Delete volume and put amount. Line 258 = =is use not used N/B All the variables in Table 3 were not discussed but only their results were presented Lines 278 – 279 = Discuss it. Line 284 = Write in full ISHRW Line 289 =Delete which and put was Line 290 – 292 = Recast. Watch your grammar. Lines 294 – 298 = No work done. Pls. Pt the summary of the results objective by objective Recommendation No recommendation made. Please it should be done based on your findings References. (i) Use APA style (ii) Arrange your references alphabetically (iii) Use initials after surname (iv) = Bracket all your year	Done Done Done Done Done Done Done Done Deleted Done Corrected
Minor REVISION comments		
Optional/General comments		