



SDI Review Form 1.6

PART 1:

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	MS: 2012_AJEA_2980
Title of the Manuscript:	GROWTH RESPONSE OF BROILER STARTER ON TIGERNUT (<i>Cyperus esculentus</i> L) MEAL BASED DIETS

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 9 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)
<u>Compulsory</u> REVISION comments	General comment The manuscript focuses on the use of tigernut meal as an alternative ingredient for broiler chicks. This subject is original and of interest for Nigerian poultry industry. However, the main disadvantage of this manuscript is the poor quality in its writing and its presentation. In the present status this manuscript does not meet the minimum requirements to be published in an international scientific journal. I strongly suggest revise it before resubmit. Also, English writing needs a wide revision by a native speaker. In general, a wide revision is recommended. Title: I suggest change the title. For example; Effect of feeding different levels of tigernut meal on growth of broiler chickens. Abstract: Rewrite it. For example, Line 14 page 1: "Diet without tigernut meal was used as control (T1). Introduction: References in this section and in the "list of references" mismatched. For example introduction "Udedibie, 2007" must be ""Udedibie et al , 2007". Same for "Esonu, 2006; Agbabiaka, 2012)	



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	Other references cites in this section are missing in the “list of references”. For instance (Agbabiaka et al. 2006; Obikaonu and Udedibie, 2006; Anyaehie, 2006) Page 2, line 43. Use in the sentece “9%” instead of “8.80%” Objective: This experiment..... of broiler chicks fed diet including increased levels of tigernut meal as substitute to maize” Material and Methods: Page 2, lines 54 and 55: Unify punctuation marks in latitude and longitude details “6°.10’N; 6.40’E”. Page 2, lines 56: Use one decimal position in temperature and humidity data. Should rainfall be expressed in mm? Page 2, lines 63 to 68: “Maize” and “Antinutritional” in small letters. Omit the abbreviation “PKM”. Use the term “experimental diet” instead of “trial diet”. Spell “AOAC (1995)”. Use “antinutritional substances” instead of “antinutritional inhibitors”. The term “inhibitor” is more appropriate for “protease inhibitor”. Why references of standard methods used in determination of antinutrients are not cited? Page 2, lines 76 and 78: Omit the numbers (300) and (60) in the sentences. Use parenthesis for (Ogun State, Nigeria). Page 2, line 79: “Five diets” I suggest the use of the term “chicks” instead of “birds” in the manuscript. Page 2, line 82: Authors says “Birds were weighed at and thereafter on weekly basis”, but only weight values at start and at end of the 21 days-trial were done. Table 1: If values are obtained by triplicate	
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	determination “standard deviation” must be included in the table. Include the meaning of “NFE” in the table footnote. Use “chemical composition (%)” instead of “concentration (%)” Check “ether extract” Table 2: Rewrite heading of table, for example “Composition of experimental diet utilised in the feeding assay with broiler chicks”. In values higher than 10 units it is not necessary specify the data with two decimal positions. Check spell in “Soybean”. PKC in full mane. In footnote of this table, check composition of premix “Vitk, Ribofiavin, vitamin 12, vitamin z, Nican, mn, zn,” Results: Results and discussion must be merged. Omit subheadings. The same results are presented per triplicate: 1) in the text, 2) in figures, and 3) in a table. I suggest leave only the Table 5 and omit the rest. It is not necessary to repeat all data of Table in the text of this section. Page 7, line 235: check “reduces feed intake” Page 7, line 242: “trypsin inhibitor” activity in is not quantified in the present study. Why? Table 5: Use “weight gain” instead of “body weight change”. The first is more appropriate in zootechnical studies. I suggest include an additional Table with result of multiple regression analysis. References:	
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	Check that references cited in the text matches to the list of references. The mane of journals is written both in full and as abbreviations. Figures: All figures must be omitted in the revised version. Information is repetitive.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

Note: Anonymous Reviewer