



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2014_AJEA_9112
Title of the Manuscript:	Performance, immune response and carcass characteristics of broilers fed with low crude protein and ideal methionine to lysine ratio diets.
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>)



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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)
Compulsory REVISION comments	_Introduction is too long and still study is not justified. Downsize with flow to objective and only focus on low protein and methionine to lysine ratio. There is no info on the ration itself. Why is important? Remove general info on Ideal concept and N pollution and so on. Rephrase the sentences that directly extracted from other resources. Remove the sentences in line 42. _ The non-explainable and fatal flow of this study is the very very poor performance of the broilers in all groups. Specifically the control group that suppose be close to the standard objective performance of Arbor Acres broilers is drastically left behind. Body weight of 35 days old AA broilers should be 2104 g (931 g here) and FCR should be 1.59 (2.65 here). Therefore, the chicken s of this study probably were under very poor management and mal-nutrition condition. No data is valid at all in this study with these chickens. Moreover, the initial chick's weights is stated to be 123 g. Where the authors get such massive day old chicks?	Sentence in line 42 removed now line 35. Low protein-methionine-lysine ratio diet is a study on its own, feeding birds an ideal ratio of methionine to lysine ratio is a study on its own. Ideal ratio was explained in line 39-43, 47-50. Information on Nitrogen pollution removed. The birds were brooded for one week before they were distributed into the experimental diets. So the initial weight is not the weight at day-old but that at one week. The low final weights obtained may be due to hatchery problem of the batch of Arbor acre used for the study, since it cut across all treatments, control diet inclusive. The birds were not malnourished. We had a standard gross composition of experimental diets and were further proven by the proximate composition of the diets.



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<u>Minor</u> REVISION comments	- Change “wing branded” to “wing banded” - Line 100, “according to the methods of [15].” Whom? Bring the author name. - Do present the data in tables in grouped form for treatment groups.	- Wing branded has been changed to wing banded. - This has been taken care of, now line 85. - Presenting the treatments in group form will mask the basic facts we looked at, since the different treatments represent different amino acid combination. What we looked at is to see specifically at what level of amino acid crude -protein combinations (treatment group) will the best result be gotten for each of the parameters checked
<u>Optional/General</u> comments		