



**SDI Review Form 1.6**

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| Journal Name:            | <a href="#">American Journal of Experimental Agriculture</a>                                         |
| Manuscript Number:       | 2014_AJEA_14400                                                                                      |
| Title of the Manuscript: | Performance and Carcass Evaluation of Broilers fed Whole Millet Meal in a Humid Tropical Environment |
| 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)                                                                       |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>Compulsory</u></b> REVISION comments | <p>1. Tables 1 and 2. There are several problems here. First the millet percentages are not correct in Table 2. Second the diets are described as isonitrogenous and isocaloric in the text, but the calculated crude protein levels are not equal in table 1 especially treatment 2. More importantly the ME values of the diet vary considerably especially in the finisher (3049 vs 3012.). These energy differences if correct as presented would be enough to alter the results. Third please indicate the methodology for the analyzed protein, fat and crude fiber levels.</p> <p>2. While the 4 replicates of 6 birds each may be enough for the growth and performance data, randomly selecting 1 bird per replicate for a total of 4 birds per treatment is not an acceptable number for the processing data. Statistical differences would be impossible to detect in this situation unless the birds grew very poorly in one treatment. More importantly, detecting differences in gizzard weight as a percent of body weight between the treatments would be impossible with only 4 birds per treatment and thus accounts for you not detecting differences previously detected.</p> <p>3. Table 3 needs to be expanded to include the same results from the starter period (0 - 28 days of age), finisher period (28 - 56 days of age) and what you currently present for the overall period (0 - 56 days</p> | <p>All corrected, there was a little mix-up with another Table typed within same period. All corrections now made.</p> <p>Thanks, will take note of this in another experiment.</p> <p>This detail not available, will be used in another study</p> |



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|                                         | <p>of age). It would be critical to know for example if the whole pearl millet was utilized in the starter phase equivalently to the control diet.</p> <p>4. The feed conversion values of 0.031 to 0.038 do not make sense based on your weight gain and ADFI, and need to be explained or corrected.</p> <p>5. In the 3<sup>rd</sup> line of the abstract and elsewhere the inclusion rate of millet is not 20, 40 and 60% percent of the diet rather these percentages reflect the amount of corn replaced in the diet.</p> | <p>Feed conversion ratio is ADFI divide by weight gain</p> <p>They are the percentage replacement of the maize content of the control diet. Now stated clearly in the text.</p> |
| <b><u>Minor</u></b> REVISION comments   | <p>1. Indicate the number of replicate pens per treatment in the abstract.</p> <p>2. Indicate the number of replicates per treatment in the footnotes of Tables 3 and 4.</p>                                                                                                                                                                                                                                                                                                                                                   | <p>Now included</p> <p>Now included</p>                                                                                                                                         |
| <b><u>Optional/General</u></b> comments |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                 |