



**SDI Review Form 1.6**

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| Journal Name:            | <a href="#">American Journal of Experimental Agriculture</a>                                                |
| Manuscript Number:       | Ms_AJEA_20597                                                                                               |
| Title of the Manuscript: | Density and Cultivar Effects on the Biomass and Crop Growth Rate of Upland Rice in Uyo Southeastern Nigeria |
| Type of the Article      | Original Research 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>Compulsory</b> REVISION comments | <p>The manuscript provides useful data on the effect of different sowing densities of five rice cultivars with respect to plant growth rate and biomass production. The data are presented clearly with an adequate statistical evaluation (LSD test). In the last table - Table 10, the results of correlation analysis between the presented data (plant biomass and plant growth rate at the individual sampling dates) and plant grain yield are presented.</p> <p>However, I have not found any original data regarding plant grain yield in the manuscript. Therefore, I strongly recommend to add the original data showing rice grain yield of the five rice cultivars sown at different plant densities.</p> <p>Otherwise, I have only a few formal comments on the manuscript:<br/>Insert a space between a number and a corresponding unit - e.g., Abstract, line 17: "plants ha<sup>-1</sup>"; Introduction, line 44: "5 kg", "11 kg", "25 kg", lines 80 and 81: "55 - 57 m", "2,500 mm"</p> <p>Abstract, line 33, Introduction, line 62: Insert "a" before the words "positive correlation", i.e., " a positive correlation between rice biomass, crop growth rate and grain yield."</p> | <p>Original data on plant grain yield was published earlier in the British Journal of Applied Science &amp; Technology 06(02): 182-193, 2015, Article no. BJASt.2015.079. A product from SCIENCEDOMAIN international</p> <p>Space inserted.</p> <p>"a" inserted.</p> |



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|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
|                                         | <p><b>Line 271: Insert a comma after the words “Generally, in both years,..”</b></p> <p><b>Line 307: Use the word “lower” instead of “less” and modify the statement as follows: “..while FARO 55 produced a lower number of tillers.”</b></p> | <p>Comma inserted.</p> <p>“lower” used<br/>Statement modified.</p> |
| <b><u>Minor</u></b> REVISION comments   |                                                                                                                                                                                                                                                |                                                                    |
| <b><u>Optional/General</u></b> comments |                                                                                                                                                                                                                                                |                                                                    |