

Review Form 1.6

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| Journal Name: | Asian Food Science Journal |
| Manuscript Number: | Ms_AFSJ_86716 |
| Title of the Manuscript: | Modelling Water Absorption Kinetics of Abrohema, Omankwa, and Akposoe Maize Varieties |
| 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:

(<https://www.journalafsj.com/index.php/AFSJ/editorial-policy>)

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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 | <p>1 - KEYWORDS are repeated title words. I suggest the change.</p> <p>2 - In relation to sampling, I suggest that the authors report better how these grains were harvested and how many grams (or kilograms) were collected to compose each sample.</p> <p>3 - Table 1 needs to be improved. All acronyms must be described in the legend.</p> <p>4 - Figures 1a, 1b and 1c are unconfigured and out of order</p> <p>5 - The frase: "The maize varieties showed moisture absorption behaviour similar to what has been published." está confusa. Similar to what has been published, where?</p> <p>6 - Table 2 is unconfigured, it is not possible to visualize the values.</p> | <p>I have deleted some of the keywords found in the title and included words that are not part of the title</p> <p>How the grains were harvested were not a relevant factor in the results therefore were not stated in the study. However, I have now stated the quantity of sample that were collected to compose each sample size for the experiments</p> <p>All acronyms used in the table has been explained in the text. Providing legend again will amount to repetition</p> <p>Figures 1a, 1b and 1c are configured and ordered</p> <p>Reference to this Phrase "The maize varieties showed moisture absorption behaviour similar to what has been published." has been provided.</p> <p>Tab 2 has been configured and now possible to visualize the values</p> |
| Minor REVISION comments | <p>2 - I suggest adding a last sentence to the abstract with the main conclusions of the work.</p> | <p>Two sentences from the conclusion have been included in the abstract. "and that soaking duration could be reduced by increasing the soaking water temperature. The differences in rate of water absorption by the varieties could be attributed to kernel characteristics such as physiochemical and nutritional composition."</p> |
| Optional/General comments | <p>The research is well structured and ready for publication in this journal. However, the comments cited need to be revised. Also, I recommend that the article be proofread by a native speaker as there are grammatical errors.</p> | <p>All grammatical errors have been corrected.</p> |

PART 2:

| | 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) |
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| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | There were no ethical issues presented in this manuscript. |