

Review Form 1.8

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| Journal Name: | Asian Journal of Food Research and Nutrition |
| Manuscript Number: | Ms_AJFRN_120108 |
| Title of the Manuscript: | EFFECT OF MALTED MUNG BEAN AND WATERMELON RIND FLOURS SUPPLEMENTATION ON THE NUTRIENT COMPOSITION, MICROBIOLOGICAL, PHYSICAL AND SENSORY PROPERTIES OF WHEAT FLOUR BREAD |
| Type of the Article | |

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PART 1: Review Comments

| <u>Compulsory</u> REVISION comments | Reviewer's comment | Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
|---|--|---|
| Is the manuscript important for scientific community? <i>(Please write few sentences regarding this manuscript to justify your answer)</i> | Yes, the manuscript is important for scientific community. The manuscript presents a well-structured and detailed study on the incorporation of watermelon rind flour and malted mung bean flour into wheat flour for bread production. Overall, the manuscript is well-written, and the study contributes meaningfully to the field of Food Science and Nutrition. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | The title of the article seems long. Alternative Title Suggestions: 1. Effect of malted mung bean and watermelon rind flour supplementation in wheat bread. 2. Wheat bread quality affected by malted mung bean and watermelon rind flour supplementation. 3. Malted mung bean and watermelon rind flour supplementation in wheat flour bread. 4. Impact of malted mung bean and watermelon rind flour on wheat bread quality. | |
| Is the abstract of the article comprehensive? | Yes, the abstract is detailed and provides a comprehensive overview of the study's objectives, methods, and results. Although it is a bit lengthy and could be condensed to focus on the most significant findings; some of the sentences are repetitive. Suggestions: Consider shortening the abstract to capture most critical results and findings. Avoid repetitions, instead rephrase for better clarity. Line 13: after potassium, correct 2,18 to 2.18... Line 23: remove '0% malted mung bean and 0% watermelon rind flours'...to reduce length of sentence. | |
| Are subsections and structure of the manuscript appropriate? | Yes. The materials and methods section is thorough, the results show significant findings, the discussion effectively interprets the results, relating them to the literature and highlighting the implications. The conclusion summarizes the findings but needs to emphasize the potential of this innovation for addressing protein-energy malnutrition and micronutrient deficiencies. | |
| Do you think the manuscript is scientifically correct? <i>(Please write few sentences regarding this manuscript to justify your answer)</i> | Yes, the manuscript is scientifically correct. It has the potential to create a more health-conscious product which is a valuable contribution to the field of Food Science | |
| Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. | The references are sufficient and recent. Additional citation/ reference suggested only at one point (at section 3.1, line 9) to back up a statement. | |
| <u>Minor</u> REVISION comments Is language/English quality of the article suitable for scholarly communications? | Yes, the language/ English quality of the article is clear and well-suited for scholarly communication. | |
| <u>Optional/General</u> comments | The manuscript is well-structured and easy to follow. There is appropriate use of citations and references, but minor corrections suggested in the abstract, introduction, materials and methods, result and discussion, and conclusion sections. | |

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PART 2:

| | Reviewer's comment | Author's comment <i>(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)</i> |
|---|--|---|
| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

Reviewer Details:

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| Department, University & Country | Federal University of Technology, Nigeria |