



## SDI Review Form 1.6

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| Journal Name:            | <a href="#">Asian Journal of Advances in Agricultural Research</a>                                                                                                                                               |
| Manuscript Number:       | Ms_AJAAR_34429                                                                                                                                                                                                   |
| Title of the Manuscript: | Nutritonal properties of composite flour (blends of rice ( <i>Oryza sativa</i> ), acha ( <i>Digitaria exilis</i> ) and soybeans ( <i>Glycine max</i> ) and sensory properties of noodles produced from the flour |
| 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>)

### 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>Line 31: It is not clear that this ash is from the Acha plant.</p> <p>Line 36: have an incomplete sentence</p> <p>Lines 50-52: Discuss celiac/gluten allergies, but since all products contain wheat, they would still produce a reaction, so what is the point of including this?</p> <p>Line 58: "In bakery" not appropriate grammar; change to "In baking"</p> <p>Sample collection: Not sure where your wheat product/standard came from. Was it a premade product?</p> <p>Also in the methods, discuss how you cook your pasta for the sensory evaluation (so others can replicate)</p> <p>Line 91: a ";" should be added between soybean and while</p> <p>Noodle production: How long were the noodles dried in the oven?</p> <p>Line 140: "comprised" should be "comprising"</p> | <p>Line 31: the statement is what it is meant to be</p> <p>Line 36: the sentence was completed</p> <p>Line 50-52: the comment was accepted and the sentence was expunged</p> <p>Line 58: the grammar change was accepted and corrected</p> <p>The wheat source was added</p> <p>The method of cooking the pasta has been included and the hour that the noodles was dried in the oven added</p> <p>Line 91: the correction was made</p> <p>Line 140: the change was made</p> <p>Line 209: the comment was accepted and corrected</p> |



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|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                         | <p><b>Results:</b><br/> Line 209: I would not say the samples had “relatively high fibre” as they only have about ½ as much fibre.<br/> Line 224-5: If you want to claim the samples as having “Averagely high” ash content you need something to compare them to. All I can gather from the data is that the ash content was similar and they would have similar ash content.<br/> Line 259-260: Calcium is similar between samples, but not high. If the average daily needs are 1000-1200mg/day, the samples only provide about 3% of the daily needs. Therefore your conclusion of being nutritionally beneficial is not supported.<br/> Line 288-290: Discuss how soybeans are a good source of nutrients, but you are discussing Vitamin A and soybean is not high in Vitamin A. This might be appropriate for your introduction on soybeans.<br/> Line 295: You have not made a conclusion for Vitamin C content. It is acceptable to state that the noodles are not a significant source of this nutrient.<br/> Line 311-313: “Texture of staple food ‘tuwo’...It is not clear how this relates to the texture of the product. Is tuwo made from acha? Please clarify the importance of this statement.<br/> Line 353: “Favourably” is too strong of a word. I recommend using only “comparable”. I believe when looking at sensory results anything less than 7 on a 9 point Hedonic scale is marginally acceptable. Granted your control was less than 7. All samples were comparable to the sample, but I couldn't say they were favourable. Yes, this is a personal degree of acceptance levels.</p> | <p>Line 224-5: the comment was accepted and correction was made<br/> Line 259-260: the correction was accepted and correction made<br/> Line 288-290, 295: the correction was accepted and made<br/> Line 311-313: I agree with the comment and this statement was expunged.<br/> Line 353: the correction was made</p> |
| <b><u>Minor</u></b> REVISION comments   | <p>I believe all the comments made are important to the revision of this article.<br/> I am concerned about the number of resources that are over 10 years old (59%). I have always sought to get most within that time frame.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                         |
| <b><u>Optional/General</u></b> comments | <p>Great depth of support for your results and how they apply in most instances.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                         |