

Review of: "The Growth Performance of Nile Tilapia (Oreochromis Niloticus) Fed Low-Cost Fish Feeds Formulated From Fish By-Products, Fishery By-Catch and Pig Blood-Meal"

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Potential competing interests: No potential competing interests to declare.

Thank you for your consideration in allowing me to make my modest contribution to this paper.

The subject is of proven relevance, and the title is clearly expressive. However, the nomenclature in the title needs to be reviewed.

The Abstract as a whole contains all the required parts. However, the authors state that they used 20 fingerlings per aquarium with 3 replicates. This is not the case in the Materials and Methods section, where they state that they used a total of 120 fingerlings.

In the Introduction,

No need to put e.g. before listing authors' work that you have consulted.

In the following sentence: "Despite some interesting findings, commercialising these feed formulations may be a challenge due to limitations on the quality of the feed." How does your work contribute to solving this problem?

Also, mention that the cost of the feed will be assessed in the work.

The study area is generally the first point of the Materials and Methods.

Unless there is a specific reason, authors should adhere to this.

The authors also state 'The experiment was carried out in a greenhouse so as to maintain constant temperatures.*But what follows shows that the temperature was not really constant in the research environment.*

This sentence should perhaps be removed so as not to contradict them.

Materials and Methods

The authors should also specify the fish density per unit volume of water.

After the acclimatization period, the fingerlings were selected randomly and weighed (precise if it was empty stomach, or no?) before they were stocked in aquarium tanks.

Measurement of Biological Parameters

Specify scale characteristics in this sentence 'Fish growth was monitored through weekly sampling. A digital scale was used to weigh the weight of each fish during the experiment.'

- Total Feed Intake (FI) g = Total dry feed fed (g/fish) *(Was the feed fed completely consumed? You should watch while siphoning the water to be sure)*

Nitrogen-free extracts is the correct term for (NFE). Correct where necessary.

Results and discussion

Unless otherwise stated, Table 3. Energy values of diets must be included in Table 2. Proximate composition (Mean \pm S.D.) of the experimental and control diets.

The control diet contained the same ingredients as those used in the formulated diets. It contains maize meal, wheat bran, soya meal, fish meal, blood meal, animal and fish products, and also minerals, vitamins, and binder. *(No need to cite these ingredients)*

I don't seem to have explicitly seen a conclusion part

References

References must be checked and harmonised.

Some examples:

- Amiza MA, Nurul A S, Faazaz AL. (2011). Optimization of enzymatic protein hydrolysis from silver catfish (*Pangasius* sp.) frame, Department of Food Science, Faculty of Agrotechnology and Food Science, University of Malaysia Terengganu, Malaysia **(specify the nature of the publication and the number of pages)**
- Caruso G. 2015 **(add brackets)**. Fishery wastes and by-products: A resource to be valorised. Journal of Fisheries Sciences 9: 080-083...

Finally, the paper could be accepted, but corrections are required.