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.

The article focuses on the growth performance relating to Nile Tilapia, low-cost fish feeds, and it is a very interesting and important research area.

However, there are areas for improvement.

The topic is clear but rather too lengthy. The author should rephrase the topic to be more concise without losing direction.

The literature review summarizes the current situation of aquaculture and emphasizes the need to reduce feed costs for sustainable growth. It successfully identifies a gap in research on cost-effective feed alternatives.

The methodological part is precise and thorough, with full explanations of the experimental setup, including tank conditions, fish selection, feeding procedures, and water quality control. But it may benefit from greater information on the rationale behind the decision of certain inclusion levels for alternative feed products.

The results area contains a variety of information regarding proximate analysis, feed composition, water quality factors, and fish growth performance. However, the interpretation of results may be improved by providing more context and analyzing the findings' implications in accordance with previous research.

The discussion effectively evaluates the findings in light of the study's aims, emphasizing the possibility of alternate feed ingredients in lowering feed costs and enhancing fish development performance. However, more examination of the study's limitations, such as the effect of seasonal fluctuations on fish feeding behavior and growth, would strengthen the conclusions.

The article is generally well-written, using straightforward language and relevant scientific terms. However, there are several instances of repetitious language and small grammatical faults that might be corrected for greater clarity.

The reference list is extensive and relevant, demonstrating a thorough review of existing literature. However, some citations lack publication years, and there are inconsistencies in citation styles that should be corrected for accuracy and consistency.

Overall, the study provides valuable insights into the potential of alternative feed ingredients for sustainable aquaculture development. With some revisions to clarify methodology, enhance results interpretation, and provide recommendations for future research, the paper could make a significant contribution to the field. This article should be accepted for publication, after necessary corrections are made.