

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.

I appreciate the opportunity to evaluate the original research submitted to the Journal of Qeios, titled "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."

Overall, I recommend this manuscript for publication in Qeios with minor revisions. However, there are a few issues that need to be addressed or supplemented, as detailed below:

1. Recent research papers on tilapia feed, particularly within the last three years, should be included for comparison. According to recent studies (Refs. 1), the use of *Hermetia illucens*, a low-cost resource insect, feeds formulated from by-products can significantly improve the growth performance of Nile tilapia. It would be beneficial to discuss how the findings of this study align or differ from such recent research.

References

Ye et al., Metabolomic effects of the dietary inclusion of *Hermetia illucens* larva meal in Tilapia. *Metabolites*, 2022, 12: 286.

2. Whenever possible, the use of figures rather than tables to present research findings is encouraged. Visual representations often provide a clearer and more concise understanding of the data, especially when dealing with complex datasets.

In conclusion, I believe that the manuscript, with the suggested revisions, will make a valuable contribution to the field of tilapia feed research and Qeios.