

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.

This article is an interesting and important study investigating alternative sources of fish feeds. However, in order to enhance the scientific quality and reliability of the article, the points mentioned above should be taken into consideration, and necessary corrections should be made.

More literature on *Oreochromis niloticus* could be included; for example: <https://doi.org/10.1111/jwas.13005>

Please expand on the selection criteria and rationale for the chosen percentages of fishmeal replacement and the specific alternative ingredients used.

The research does not address the environmental impacts of feed production and usage. In particular, evaluating the use of by-products such as pig blood meal from an environmental sustainability perspective is important.