

03<sup>th</sup> September, 2021

Dear Dr. Miftahul Ilmi,

I am pleased to submit our manuscript entitled **“Effect of the Liquid Organic Fertilizer “Bio Ferti” Application on the Growth Rate of *Spirulina platensis*”** by **M Iqbal Maulana Ginting, Eko Agus Suyono, Mochammad Donny Koerniawan, Lucia Tri Suwanti, Ulfah Juniarti Siregar and Arief Budiman** for consideration as a *Journal of Tropical Biodiversity and Biotechnology* research article.

In this manuscript, we show that Bio Ferti liquid organic fertilizer can be used as an alternative replacement to commercial fertilizer and inorganic fertilizer due to the micro and macro content that can help microalgae grow. The research show that the 2 ml dose is the optimum dose with the highest growth rate and highest cell density. The highest cell density was on day 7 which was  $1,78 \times 10^6$  and the appropriate growth kinetics model to study the growth kinetics of *Spirulina platensis* at the optimum dose of 2 ml is the Haldane model

We believe that our paper is appropriate for publication by *Journal of Tropical Biodiversity and Biotechnology* because the use of Liquid Organic Fertilizer called Bio Ferti on the Growth Rate of *Spirulina platensis* thus this is in line with the concern with this journal in tropical biodiversity and biotechnology, <https://journal.ugm.ac.id/jtbb/index>. Our manuscript will allow your readers to appeal to do more research about the use of Bio Ferti as a liquid organic fertilizer by using different microalgae.

This manuscript has not been published before and is not being considered for publication elsewhere. Additionally, all of the authors have approved the contents of this paper and have agreed to the *Journal of Tropical Biodiversity and Biotechnology*'s submission policies.

Each named author has substantially contributed to conducting the underlying research and drafting this manuscript. Additionally, to the best our knowledge, the named authors have no conflict of interest.

Thank you for your consideration.

Sincerely,



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