

July 25, 2022

Dear Editor Pakistan Journal of Phytopathology,

I am pleased to submit our manuscript entitled “The efficacy of cost-effective bionematicide against potato cyst nematodes *Globodera rostochiensis*” by Iis Nur Asyiah, Dhanita Hari Tristaningtyas, Jekti Prihatin, Sugeng Winarso, Lenny Widjayanthi, Dwi Nugroho, Kurniawan Firmansyah, Ankardiansyah Pandu Pradana, for consideration as a Pakistan Journal of Phytopathology research article.

In this manuscript, we formulated four bacteria using inexpensive materials. This formula was then referred to as a bionematicide. Bionematicides were tested for their effectiveness on land infected with 227 *G. rostochiensis* per 100 mL of soil. We compared the effectiveness of the bionematicides at various doses. As a control, we used synthetic nematicides and commercial bionematicides which are widely used by farmers around the experimental fields. The results showed that the bionematicide was able to increase the height of potato plants. Bionematicide application also improved various potato growth parameters. The tested formula also increased the number of tubers per plant. The bionematicide also reduced the number of cysts and the number of female nematodes in the field.

We believe that our paper is appropriate for publication in the Pakistan Journal of Phytopathology because the paper contributes to the development of biological pest control using an inexpensive bacterial-based bionematicide.

This manuscript has not been published before and is not being considered for publication elsewhere. We have no conflicts of interest to disclose. If you feel that the manuscript is appropriate for your journal, we suggest the following reviewers:

Name	Affiliation	Email
<a href="#">Dr. Supramana, M.Si.</a>	IPB University - Indonesia	<a href="mailto:supramana@ipb.ac.id">supramana@ipb.ac.id</a>
<a href="#">Dr. Siwi Indarti</a>	Universitas Gadjah Mada - Indonesia	<a href="mailto:siwi.indarti@ugm.ac.id">siwi.indarti@ugm.ac.id</a>
<a href="#">Prof. Toyoshi Yoshiga</a>	Saga University - Japan	<a href="mailto:tyoshiga@cc.saga-u.ac.jp">tyoshiga@cc.saga-u.ac.jp</a>
<a href="#">Prof. Hideaki Iwahori</a>	Ryukoku University - Japan	<a href="mailto:iwahori@agr.ryukoku.ac.jp">iwahori@agr.ryukoku.ac.jp</a>
<a href="#">Dr. William B Crow</a>	University of Florida - USA	<a href="mailto:wtrc@ufl.edu">wtrc@ufl.edu</a>

Thank you for your consideration.



Iis Nur Asyiah  
University of Jember – Indonesia  
E-mail: [iisnaza.fkip@unej.ac.id](mailto:iisnaza.fkip@unej.ac.id)