

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_114067
Title of the Manuscript:	Mechanical synthesis of Nano carrier based bio-formulation of Trichoderma harzianum and their bio-efficacy against Fusarium wilt of chick pea
Type of the Article	

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>Yes as decontamination is a key hot topic and as easy process consisting in milling of natural compound could be an efficient solution</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>See report below</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>YES</p>	
<p>Optional/General comments</p>	<p>Report on Ms_IJPSS_114067 “Mechanical synthesis of Nano carrier based bio-formulation of Trichoderma harzianum and their bio-efficacy against Fusarium wilt of chick pea”</p> <p>The manuscript reports on the efficiency of a milled nano carrier-based formulation of Trichoderma harzianum against the pathogenic chickpea. Various diagnostics on nanometric powder and the evaluation of their decontamination are clearly documented. Therefore, the work deserves publication in International Journal of Plant & Soil Science but after consideration of the 3 following comments</p> <p>C1 Introduction page 2/11 “Various chemical, physical and biological techniques have been employed for the production of nanoparticles” It would be informative for readers to introduce the recent following perspective paper reporting on the emerging physicochemical technology based on physical non-thermal plasma for nano-biomedical applications including antibacterial action: XP Lu et al, Frontiers in Physics, 10, 1036 (2022), https://doi.org/10.3389/fphy.2022.1040658</p> <p>C2 Page 3/11 “...2.5 kg of carrier material is compounded with 1 litre of liquid suspension of T. harzianum i.e. 1mL of T. harzianum liquid suspension was mixed with 2.5 g of each nano particle separately (Plate 1) under aseptic conditions” Can authors detail what they call “aseptic conditions”</p> <p>End of report.</p>	

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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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