

Review Form 3

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_126180
Title of the Manuscript:	Effect of nano urea and zinc on growth and yield of radish (<i>Raphanus sativus</i> L.) cv. Pusa Chetki
Type of the Article	Research Article

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The manuscript titled "Effect of nano urea and zinc on growth and yield of radish (<i>Raphanus sativus</i> L.) cv. Pusa Chetki" presents significant findings regarding the utilization of nanotechnology in enhancing the growth and yield of radish. The study addresses an important gap in the literature pertaining to nutrient management in horticultural crops and effectively demonstrates the potential benefits of nano fertilizers in agricultural practices. The integration of nano urea and zinc in radish cultivation may have broader implications for sustainable agriculture, making it a valuable contribution to the scientific community.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title of the article is suitable as it accurately reflects the content of the study, focusing on the specific nutrients (nano urea and zinc) and the crop (radish cv. Pusa Chetki) being investigated. However, a slightly more descriptive title could enhance clarity, such as "Enhancing Growth and Yield of Radish (<i>Raphanus sativus</i> L. cv. Pusa Chetki) through Foliar Application of Nano Urea and Zinc."	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract is comprehensive and summarizes the main findings effectively. It outlines the experimental design, key results, and implications, making it informative for readers. I suggest adding a brief statement about the significance of the findings in relation to sustainable agricultural practices and enhanced nutrient management to emphasize its potential scope.	
Are subsections and structure of the manuscript appropriate?	The manuscript's subsections and overall structure are appropriate for a scientific article, providing a clear flow from the introduction through to the results and conclusions. Each section logically follows from the previous one, facilitating comprehension of the research process and findings.	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	The manuscript is scientifically and technically sound, supported by solid experimental design and statistical analysis. The results are clearly presented and linked back to the objectives, providing strong evidence of the benefits of nano urea and zinc in improving both growth and yield of radish. The consistency of findings across two seasons strengthens the reliability of the conclusions drawn.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	The references cited in the manuscript appear to be sufficient and relatively recent, reflecting current research trends in the field. However, I recommend that the authors include more studies that specifically focus on the effects of nanofertilizers on other crops for further context and comparison, which could enhance the comprehensiveness of the literature review.	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The language and overall quality of English in the article are generally suitable for scholarly communications. There were a few instances of awkward phrasing or minor grammatical issues that could benefit from careful proofreading to enhance clarity and fluidity.	
Optional/General comments	Overall, this manuscript presents a promising exploration of an innovative approach to enhancing agricultural productivity. With minor revisions, particularly in clarity and structure, it has the potential to make a significant contribution to the field of agricultural science and nanotechnology.	

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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