

## Review Form 1.7

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|--------------------------|--|
| Journal Name:            | <b>International Journal of Plant &amp; Soil Science</b>   |
| Manuscript Number:       | <b>Ms_IJPSS_100519</b>   |
| Title of the Manuscript: | <b>Influence of nano potassium and nano zinc on yield and economic enhancement on wheat (Triticum aestivum L.)</b> |
| Type of the Article      |  |

### **General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalijpss.com/index.php/IJPSS/editorial-policy> )

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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><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b><br/>(Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b><br/>(If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p> | <p>1. The theme addressed by the authors is one that is widely discussed in Indian literature. The introduction of nano-nutrients and treatments with substances in the form of nanoparticles is a general trend in agriculture, it seems with many advantages nowadays. Through the geographical location and the elaboration of the treatments, the research acquires originality. the recipes recommended following this research can be applied by willing farmers, at least at trial level.<br/>From these points of view, the authors' attempt is important and useful for the scientific community.</p> <p>2. Yes, the title is suitable.</p> <p>3. Yes, the abstract of the article is comprehensive.</p> <p>4. Yes, the subsections and structure of the manuscript are appropriate.</p> <p>5. At a certain level of literature, the article may seem scientifically correct. In the exemplary bibliography from 7. I have included similar themes, treated at two very different levels, [1] from the journal <i>Agronomy</i>, and [2] from the journal <i>Agropedology</i>. It is up to the publisher to choose the manner of exposure.<br/>I prefer [1], because, as I requested in the notes on the manuscript, I recommend the introduction of the following elements in the text:<br/>1) the map to locate the geographical area of the experiment (coordinates are given);<br/>2) plots scheme (10 plots) or eloquent photos;<br/>3) photos in intermediate times of wheat culture development;<br/>4) comparative photos immediately before harvesting, to visually observe certain differences for different treatments.<br/>Without at least some of these visual proofs, in our era any reader can believe that data can be simulated (invented) only for the purpose of increasing the number of published articles.<br/>Apart from the recommended images, we also recommended graphical representations of the statistical results (see, for example, [1], and also the file excel Graphics from the attachments).</p> <p>6. The references are sufficient and recent. Out of 15 works in the reference list (one is written twice), 5 were not cited in the text of the manuscript, using the search engine of the editing program.</p> <p>7. Literature from reviewers<br/>[1] Poudel A., Singh S.K., Jimenez-Ballesta R., Jatav S.S., Patra A., Pandey A., Effect of Nano-Phosphorus Formulation on Growth, Yield and Nutritional Quality of Wheat under Semi-Arid Climate, <i>Agronomy</i>, 13(3), 2023;<br/>[2] Prajapati B.J., Patel S.B., Patel R.J., Ramani V.P., Effect of Zinc Nano-Fertilizer on Growth and Yield of Wheat (<i>Triticum aestivum</i> L.) under Saline Irrigation Condition, <i>Agropedology</i>, 28(01), 2018, 31-37</p> |   |
| <p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>   | <p>1. The English language must be adjusted with the help of a control with the text editor and with specialized programs (Grammarly or others).</p>   |   |
| <p><b>Optional/General</b> comments</p>   | <p>The editing method of the work must undergo corrections:<br/>1) There are passages that are written in a very large font - is it a typographical error or, if not, why?<br/>2) I indicated duplicate passages in the text; the duplication must be eliminated.<br/>These are the main reasons why we asked for a major revision. The work cannot be published in this state.</p>  |   |

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**PART 2:**

|   | <b>Reviewer's comment</b>  | <b>Author's comment</b> <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> |
|---|--|---|
| <b>Are there ethical issues in this manuscript?</b> | <i>(If yes, Kindly please write down the ethical issues here in details)</i> |   |

**Reviewer Details:**

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|----------------------------------|--|
| Name:                            | <b>Cardei Petru</b>  |
| Department, University & Country | <b>The National Institute of Research – Development for Machines and Installations Designed for Agriculture and Food Industry, Romania</b> |