

Review Form 1.7

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| Journal Name: | International Journal of Environment and Climate Change |
| Manuscript Number: | Ms_IJECC_103027 |
| Title of the Manuscript: | Evaluation of the effect of foliar nano nitrogen and zinc on chlorophyll (SPAD) and qualitative traits of green chilli in comparison with Urea and ZnSO4. |
| Type of the Article | Original Research 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.journalijecc.com/index.php/IJECC/editorial-policy>)

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><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p> | <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>The references are not sufficiently current. The following references should be added:</p> <ol style="list-style-type: none"> MÁRQUEZ-PRIETO, Ana K. et al. "Impact of the foliar application of potassium nanofertilizer on biomass, yield, nitrogen assimilation and photosynthetic activity in green beans." <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> (2022): n. pag. Verma, Krishan Kumar et al. "Recent Trends in Nano-Fertilizers for Sustainable Agriculture under Climate Change for Global Food Security." <i>Nanomaterials</i> 12 (2022): n. pag. Morab, Pratima Ningaraddi et al. "Foliar nutrition of nano-fertilizers: A smart way to increase the growth and productivity of crops." (2021). | |
| <p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p> | <ol style="list-style-type: none"> On page 2, the statement, "... their flavour and aroma (Shivaraman et al.)." should be replaced with, "...their flavour and aroma (Shivaraman et al., 2001)." On page 4, there are two equations which are not numbered. They should be numbered as well as be cited in the body of the work. Tables 1 and 2 captions should be centralized. On page 5, the phrase, "Celsia and Mala. (2014)" should be replaced with "Celsia and Mala (2014)" i.e. full-stop should be removed after Mala. The reference number 14, Singh MD and Kumar BNA. Bio efficacy of nano zinc sulphide (ZnS) on growth and yield of sunflower (<i>Helianthus annuus</i> L.) and nutrient status in the soil. <i>Int. J. Agric. Sci.</i> 9(6): 2017; 3795-3798., was not cited in body of the manuscript. It should be cited or be removed from the referencing section. | |
| <p>Optional/General comments</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> |
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| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

Reviewer Details:

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| Department, University & Country | Alex Ekwueme Federal University Ndufu Alike Ikwo, Nigeria |