

## Review Form 1.7

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_104785</b>
Title of the Manuscript:	<b>Effect of Bio-fertilizers and Zinc levels on Growth and Yield of Pearl millet (Pennisetum glaucum L.)</b>
Type of the Article	<b>Original Research Article</b>

### **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> )

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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> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>The effect of bio-fertilizers and zinc levels on the growth and yield of pearl millet has been studied in several research articles. Here are some key findings: Nitrogen and zinc fertilizers significantly interact and increase the zinc content in pearl millet grain Continuous excessive application of nitrogen can cause a widespread deficiency of micronutrients in pearl millet, especially zinc. The use of micronutrients, including zinc, increases grain production in pearl millet. In a field trial on pearl millet, organic manure, bio-fertilizer, and Sagarika were used as soil application, and the impact of nitrogen and zinc nanofertilizer on plant growth and development was studied. The results showed an increase in zinc content from 0.36 to 0.51 mg/kg. A review article focused on achieving nutritional security in India through iron and zinc biofortification in pearl millet. A study on the residual effect of phosphorus and zinc on yield, nutrient content, and economics of pearl millet showed that the use of zinc increased the yield and nutrient content of pearl millet.</p> <p><b>yes</b></p> <p><b>yes</b></p> <p><b>They should be set according to the guidelines of journal authors.</b></p> <p><b>This research needs wider and more detailed studies. For printing, this manuscript needs to provide statistical comparison of traits based on treatments and one-way and two-way analysis of variance.</b></p> <p><b>References are insufficient and inappropriate and should be adjusted according to the authors' guide</b></p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>It needs severe revision and correction.</p>	
<p><b>Optional/General</b> comments</p>	<p>It needs correction and revision in terms of statistics and English grammar.</p>	

### PART 2:

	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>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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