

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_110566
Title of the Manuscript:	Zinc Unveiled: Exploring its Impact on Chlorophyll Content and Leaf Area in Arecanut Seedlings
Type of the Article	Original Research Article

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>1. Zinc plays a crucial role as a component in numerous enzymes that drive essential metabolic reactions across all crop varieties. This study investigated the impact of zinc on chlorophyll content and leaf area in arecanut seedlings. In think the study is important for scientific community and adding some knowledge to the fields.</p> <p>2. Yes</p> <p>3. Title may be revised as: Investigating the Impact of Zinc on Chlorophyll Content and Leaf Area in Arecanut Seedlings</p> <p>4. The subsections and structure of the manuscript are appropriate</p> <p>5. The manuscript requires revisions in several areas.</p> <p>6. Additional references should be incorporated into the methods section, with a focus on utilizing more up-to-date sources.</p> <p>The specifics of my comments are provided directly on the manuscripts.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The quality of English is satisfactory.</p>	
<p>Optional/General comments</p>	<p>I have raised concerns about the experiment duration and the absence of control treatments in this study.</p> <p>The six-month duration for the experiment may be excessive, as the extended period could expose the seedlings to various factors such as sand culture and other parameters, potentially influencing outcomes unrelated to zinc. Consider shortening the experiment to just one or two months, as this timeframe should suffice for meaningful observations.</p> <p>In this study, no control treatment was performed. Without a control treatment, it is difficult to conclude these effects are caused by zinc, and the observed effects and zinc becomes challenging.</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>	

Reviewer Details:

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