

**Review Form 1.7**

Journal Name:	<b><u>International Journal of Environment and Climate Change</u></b>
Manuscript Number:	<b>Ms_IJECC_119276</b>
Title of the Manuscript:	<b>To study the seasonal incidence of Rice Earhead bug (<i>Leptocorisa oratorius</i>, Thunberg) in Balaghat district of Madhya Pradesh</b>
Type of the Article	

**PART 1: Review Comments**

	<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>
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<p><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b> (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>	<ol style="list-style-type: none"> <li>1. The manuscript addresses a critical and emerging area in agriculture, namely the application of nanotechnology for eco-friendly crop enhancement and sustainable agriculture. This topic is highly relevant as it explores innovative solutions to global challenges such as food security, environmental sustainability, and efficient resource use.</li> <li>2. The current title, "Harnessing Nanotechnology for Eco-Friendly Crop Enhancement and Sustainable Agriculture," is appropriate as it accurately reflects the main themes and goals of the manuscript. However, a slight refinement could improve clarity and impact. Suggested alternative title: "Eco-Friendly Crop Enhancement and Sustainable Agriculture through Nanotechnology."</li> <li>3. The abstract provides a broad overview of the manuscript's content, including the potential benefits and challenges of nanotechnology in agriculture. However, it could be more concise and focused. It should clearly state the key findings and implications of the research. Currently, it repeats some points and lacks specific details on the results and case studies.</li> <li>4. The manuscript is well-structured, with clear subsections covering different aspects of nanotechnology in agriculture. Each section is logically organized, and the flow from one topic to another is generally smooth.</li> <li>5. The manuscript appears to be scientifically correct, discussing relevant applications, benefits, and risks of nanotechnology in agriculture.</li> <li>6. The references included are relevant but could be updated to include more recent studies. Additionally, some sections could benefit from more citations to support the statements made. Suggested additional references might include recent reviews on nanotechnology in agriculture, studies on the environmental impacts of nanomaterials, and papers on the regulatory aspects of nanotechnology in this sector.</li> </ol> <p>Additional Suggested References:- Khot, L. R., Sankaran, S., Maja, J. M., Ehsani, R., &amp; Schuster, E. W. (2012). Applications of nanomaterials in agricultural production and crop protection: A review. <i>Crop Protection</i>, 35, 64-70.</p> <p>- Ghormade, V., Deshpande, M. V., &amp; Paknikar, K. M. (2011). Perspectives for nanobiotechnology enabled protection and nutrition of plants. <i>Biotechnology Advances</i>, 29(6), 792-803.</p> <p>- Servin, A., &amp; White, J. C. (2016). Nanotechnology in agriculture: Next steps for understanding engineered nanoparticle exposure and risk. <i>NanoImpact</i>, 1, 9-12.</p>	
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<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p><b>Grammar and Syntax:</b>            1.The manuscript contains some grammatical errors and awkward sentence structures that need revision. For example, in the abstract, "crop production enhance food security and promote sustainable farming practices" should be corrected to "crop production, enhance food security, and promote sustainable farming practices."  <b>Punctuation:</b>            Proper use of punctuation is essential for clarity. There are instances where commas are missing or misplaced, leading to confusion. Ensuring correct punctuation will improve the flow of the text.  <b>Word Choice and Consistency:</b>            Some word choices could be more precise to convey the intended meaning clearly. For example, terms like "eco-friendly" and "sustainable" are used correctly, but their definitions should be consistently applied throughout the manuscript.            Consistency in terminology is important. The manuscript should consistently use either "nanotechnology" or "nanotech" instead of alternating between the two.  <b>Clarity and Conciseness:</b>            Some sections contain repetitive information that could be consolidated to make the text more concise. For instance, the benefits of nanotechnology in agriculture are mentioned multiple times in similar contexts.            Clear and direct sentences will improve the readability. Avoid overly complex sentence structures that might confuse readers.</p>	
<p><b>Optional/General</b> comments</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>	

**Reviewer Details:**

<p>Name:</p>	<p><b>Guoqing Cai</b></p>
<p>Department, University &amp; Country</p>	<p><b>Trine University, USA</b></p>