

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_110662
Title of the Manuscript:	EFFICACY OF HYDROGELS UNDER SENSOR BASED IRRIGATION ON SOIL NUTRIENT STATUS OF TREE MULBERRY
Type of the Article	Research article

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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>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, but the author needs to make minor changes for this as stated below.</p> <p>Yes</p>	<p>Ok</p>
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes, however there are slight grammatical errors noted. The author needs to recheck the manuscript thoroughly.</p>	<p>Ok</p>
<p>Optional/General comments</p>	<ul style="list-style-type: none">• Ensure references are provided for the facts mentioned in the "Introduction" section, such as “the impact of moisture content in mulberry leaves..... on ingestion for maximum output”. Properly cited references strengthen the credibility of your manuscript.• Introduce a final paragraph in the "Introduction" section that outlines the research gap or the rationale behind conducting the research. This will provide a clearer context for your study.• Review the referencing method used for hydrogel in the "Materials and Methods" section to ensure accuracy and consistency.• Enhance the information under the "Soil organic carbon" subsection in the "Materials and Methods" section, as well as other subsections, by providing more details beyond referencing.• Utilize multiple comparisons for your data to illustrate the variations among treatments. Clearly demonstrate whether there is a significant difference between each treatment or not.• In the "Conclusion" section, focus on discussing the major findings derived from your experiment rather than presenting a general conclusion. This will provide a more insightful summary of your research outcomes.	

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