

**Review Form 1.7**

Journal Name:	<b>International Journal of Plant &amp; Soil Science</b>
Manuscript Number:	<b>Ms_IJPSS_116022</b>
Title of the Manuscript:	<b>OPTIMIZING CROP PRODUCTIVITY AND RESOURCE UTILIZATION IN HYDROPONIC FARMING THROUGH ADVANCED NUTRIENT SOLUTIONS</b>
Type of the Article	<b>Review article</b>

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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> <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.-Yes, the manuscript is important for farmers and scientific researchers that study hydroponic farming</li> <li>2.-The title should be changed. For example: Optimizing Plant Growth and Crop Productivity through Hydroponics Technique for Sustainable Agriculture: A Review (<a href="#">10.9734/IJECC/2023/v13i92315</a>)</li> <li>3.-Yes, the abstract is comprehensive. But, it should include the novelty of this review article in comparison with others already published, or at least mark the differences or contributions.</li> <li>4.-The sections and subsections present a sequence. However, I suggest adding schemes or figures allusive to each section.</li> <li>5.-I do not agree at all, I believe the manuscript requires more references and a deeper discussion in each section.</li> <li>6.-The references are not enough for a review article. Please check the appropriate citation style for all the references, the bibliography is not uniform.</li> </ol> <p><b>ADDITIONAL COMMENTS:</b></p> <ul style="list-style-type: none"> <li>• Please change and enhance the manuscript title.</li> <li>• Add more references to each discussion to justify the explanation. Do the same with tables, there is only one or two references for each table. Enrich the discussion with a deeper explanation based on scientific knowledge in chemistry or biology, for example, the paper on macro and micronutrients in hydroponic farming.</li> <li>• Add a deeper discussion or explanation in the calculation of each recipe, it is not clear. Why did the author choose only these crops: easiness and/or importance?</li> <li>• If possible, compare the results of the calculation for each recipe with other published works.</li> </ul>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>	<p>Yes, the English quality is ok. Just check the revised manuscript when you send it again.</p>	
<p><b>Optional/General</b> comments</p>		

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**PART 2:**

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

**Reviewer Details:**

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