

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_119742
Title of the Manuscript:	COMPARATIVE EVALUATION OF THE EFFECT OF DIFFERENT MEDIA IN AQUAPONIC SYSTEM ON THE PERFORMANCE OF PLANT GROWTH AND YIELD FOR TOMATO
Type of the Article	Original Research Article

Review Form 1.7

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> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. Importance of the Manuscript for the Scientific Community</p> <p>The manuscript is significant for the scientific community as it addresses the growing need for sustainable agricultural practices, particularly in densely populated regions like Kerala, India. By evaluating different media in aquaponic systems, the study provides valuable insights into optimizing plant growth and yield, which can help enhance food security and reduce the environmental impact of traditional farming methods. This research contributes to the advancement of aquaponics, a promising technology for sustainable agriculture.</p> <p>2. Suitability of the Title</p> <p>The title is suitable but can be made more concise and focused. An alternative title could be: "Comparative Evaluation of Media Types in Aquaponic Systems for Tomato Growth and Yield"</p> <p>3. Comprehensiveness of the Abstract</p> <p>The abstract is comprehensive, providing a clear overview of the study's aims, methodology, results, and conclusions. It succinctly summarizes the key findings and their implications for the use of different media in aquaponic systems.</p> <p>4. Appropriateness of Subsections and Structure</p> <p>The subsections and structure of the manuscript are appropriate. The paper follows a logical flow, starting from the introduction, moving through the methodology, presenting the results, and discussing the findings before concluding. Each section is well-defined and contributes to the overall coherence of the manuscript.</p> <p>5. Scientific Accuracy of the Manuscript</p> <p>The manuscript appears to be scientifically correct. The study design is robust, and the use of statistical analysis (ANOVA) to compare the different media types adds rigor to the findings. The results are clearly presented and supported by data.</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>Clarity and Conciseness: Ensure that all sentences are as clear and concise as possible. Avoid redundancy and overly complex sentences.</p> <p>Technical Jargon: While the use of technical terms is appropriate, ensure that all terms are defined when first introduced to aid readers who may not be familiar with them.</p> <p>Proofreading: A thorough proofreading to catch any minor grammatical errors, typographical mistakes, or awkward phrasing would be beneficial.</p>	
<p>Optional/General comments</p>	<p>Overall Impact: The manuscript presents a valuable contribution to the field of aquaponics by evaluating different media for tomato growth and yield. This study can significantly benefit researchers and practitioners in the field by providing insights into optimizing aquaponic systems for better productivity.</p>	

Review Form 1.7

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

Reviewer Details:

Name:	Angel Lhi D. Alcalde
Department, University & Country	College of Arts and Sciences, Notre Dame of Midsayap College, Philippines