

## Review Form 1.7

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_110939</b>
Title of the Manuscript:	<b>Evaluated the effect of hydrogel on physio- chemical and microorganism properties of potting media in roof top cultivation of ridge gourd</b>
Type of the Article	<b>Research Paper</b>

### 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> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>1. Yes, it is. Nowadays development of fruitful urban farming technologies is one of the need of an hour to favour the nutritional security of the nation and worldwide. Therefore, the study and findings of the manuscript will be very much helpful for the scientific community to build valuable scientific strategies for the wellbeing of the societies and human beings.</p> <p>2. Author has tried to set a relevant title but that can be further improved by replacing the current title with "Effect of hydrogel on physio- chemical and microbiota properties of potting media for roof top cultivation of ridge gourd".</p> <p>3. Abstract needs further improvement with clarity .</p> <p>4. Yes they are appropriate but the overall body of the manuscript needs fine english polishing and proper sentence arrangement.</p> <p>5. Yes but the concluding part needs more clarity.</p> <p>6. References need to be arranged following journal guidelines (style). Few references are missing in the references portion but are mentioned in the body of the manuscript which needs to be corrected (incorporated). E.g. Paul (2000), Wilcox (1950), SAS (2010), Bhardwaj et al. (2007) they are missing in the references.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>The manuscript needs careful english polishing since there are many typos and poorly written sentences which can be improved by rebuilding informative sentences.</p>	
<p><b>Optional/General</b> comments</p>	<p>1. Manuscript needs proper sentence formation, arrangement and english polishing.</p> <p>2. Data mentioned in the result portion need to be cross checked with the data provided in the table.</p> <p>3. Important information (full form, statistical information, etc.) should be provided regarding the table just below the table for easy understanding.</p> <p>4. Proper spacing and alignment should be maintained according to the journal guidelines.</p> <p>5. Discussion part can be enriched.</p> <p>6. Conclusion part needs more clarity based on the objective of the study.</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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