

Review of: "Sustainable Agriculture: Aquaponics-Integrated Greenhouse Cultivation of Cantaloupe with Drip Irrigation System"

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Potential competing interests: No potential competing interests to declare.

The paper deals with **"Sustainable Agriculture: Aquaponics-Integrated Greenhouse Cultivation of Cantaloupe with Drip Irrigation System"**. The paper is interesting and relevant to the journal themes. However, the vital aspects, the flow of thought, and the presentation that would foster the study quality are lacking.

For better identification, the authors need to mark any color in the revised part of the manuscript and line number in response to the reviewer's comment file.

Hence, before acceptance/publication, the authors should address the following comments adequately:

1. Abstract: Authors need to write the work methods properly and rearrange them technically.
2. Introduction: The authors need to mention the Introduction section by including appropriate references that introduce other analyses of the sustainable agriculture system.
3. Authors should explain the choice of the technique in the introduction section.
4. The literature review should be further strengthened to highlight the scientific novelty of this work. The authors need to cite the following publications:

- <https://doi.org/10.1016/j.suscom.2023.100915>
- <https://link.springer.com/article/10.1007/s10098-022-02337-7>
- <https://www.nature.com/articles/s41598-023-43919-9>
- <https://doi.org/10.3390/su151914555>

1. The major contribution of the proposed work should be clear in the last paragraph of the introduction.
2. The methodology section needs to be elaborated scientifically, and the detailed study area should be cleared.
3. Local weather conditions should be included in subsection 2.1.1.
4. A complete block diagram of the proposed study should be included in the methodology section.
5. Technical values with model specifications must be presented in tabular form in subsection 2.2. and also of the drip irrigation system
6. Figure 2 should be in high resolution in English writing.
7. What is the best method for reducing disease in the plant?

8. The economic part needs to be improved in the discussion section.
9. The study results should be compared and validated with other researchers' publications in the tabular format of the discussion section.
10. Current related publication references and citations should be included in the paper.