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.

Dear Dai- Long, Ngo- Hoang,

I express my gratitude to the authors for their valuable contribution to the Qeios journal. The work focuses on the cultivation of cantaloupe in a greenhouse integrated with aquaponics, utilizing a drip irrigation system. The main objective is to offer an organic approach that facilitates the simultaneous production of vegetables and fish. However, following a thorough evaluation of your paper, I came up with several perspectives that I am delineating here.

The article lacks any mention of data pertaining to aquaponics, such as the specific fish species, the fish-to-area ratio, and the type, number, and composition of the aquaponic system. Integrating aquaponics data into the methodology might strengthen the reliability of the conclusions.

The methodology would be improved by providing a comprehensive analysis of fertigation, including specific details. Additionally, it would be beneficial to provide information on the amount of water utilized in order to assess the water-saving efficiency of the research. This would strengthen the reliability and strength of the research.

The term "tree" is listed in table 1, which, based on my understanding, is an inappropriate selection. Please consider substituting the word "tree" with "vine" in order to enhance clarity. Figure 2 is written in a language other than English, which makes it challenging to comprehend. The figures may be improved to facilitate easier interpretation. Another misspelling, or rather an error made by mistake, was the citation of the plant name as "cucumber" in the conclusion section, which occurred three times. Please provide a more concise and precise explanation of the utilization of cucumber to enhance comprehension.

I appreciate the authors' dedication to this research. I strongly advise the authors to carefully evaluate these comments and make the required modifications.