

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.

I have carefully reviewed the document and would like to provide feedback for your consideration.

1. The title of your study does not accurately reflect the content and focus of the research conducted. It's crucial for the title to effectively convey the essence of your study to potential readers. I recommend revisiting the title to ensure it appropriately encapsulates the scope and findings of your work.
2. The introduction lacks a clear explanation of the rationale behind implementing aquaponic systems. Providing a strong rationale is essential for readers to understand the significance and context of your research. I suggest elaborating on the advantages or potential benefits of aquaponic systems to set the stage for your study effectively.
3. The methods section lacks crucial details related to aquaponic systems, such as the substrate used for planting. It's important to ensure clarity regarding the methodology employed, particularly when evaluating complex systems like aquaponics. Additionally, utilizing complementary statistical software alongside Excel and including measures like standard deviation can enhance the rigor of your analysis. Ensure that statistical evaluations, including normality tests, ANOVAs, and relevant tests for determining differences between treatments, are thoroughly conducted and reported.
4. There seems to be some overlap between the results and methodology sections, which should be addressed for clarity. Furthermore, the discussion of obtained results is limited, and the conclusions do not adequately fulfill their intended purpose. A robust discussion and clear conclusions are essential for interpreting the significance of your findings within the context of existing literature and implications for future research or practical applications.
5. Given that the only section providing substantial information about aquaponics is the final one, it would be prudent to reassess the title to ensure it accurately reflects the focus and content of your study.

I am confident that addressing these points will significantly enhance the quality and impact of your manuscript.