

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 introduction needs to be rewritten, as it was not well designed.

As a suggestion, you could start by addressing the issue of water scarcity. Next, address the use of other water sources for crop irrigation.

Next, talk about aquaponics, that is, the cultivation of plant species associated with fish farming. Show results of studies with different species of plants and fish.

At the end of the introduction, the objectives need to be better described.

Replace 2. Methods of Implementation by 2. Materials and Methods

Review all units in the article. There must be a space between the numerical value and the unit. Examples of what is not correct, for instance, adjust the following text at the end of the second page: Each greenhouse at the implementation sites covers an area of 500 m².

2.1.2. Time and scale of model implementation

In the first paragraph, replace 03 growing by three growing. Do the same in other parts of the text.

All tables need to be rewritten. They must contain lines at the bottom and top of them.

Rewrite the first paragraph below Table 1. Confusing.

Review the last paragraph on the third page. Many words in the middle of sentences begin with uppercase letters.

Replace Cantaloupe by cantaloupe. Standardize throughout the text.

Cucumis melo L. in italic. Standardize throughout the text.

The text in Figure 2 needs to be changed to English.

2.4. Monitor and evaluate indicators of growth, yield and quality of cantaloupe

For the evaluated variables, describe only the first uppercase letter, for instance:

Growth criteria:

Plant height (cm): recorded

2.5. Statistical processing method of results

The second paragraph is not suitable for this subitem. Remove it to another part of the methodology.

In the last paragraph of the seventh page, review the text of the last three lines.

The quality of Figures 3 and 4 is not good.

Review the average data in Table 5.

Brix not brix. Standardize throughout the text.

5. Conclusions and recommendations

This topic needs to be rewritten. There should be no subtopics, and conclusions and recommendations should be in accordance with the results found in the study.