

# Review of: "Modelling of Quadcopter for Precision Agriculture and Surveillance Purposes"

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**Potential competing interests:** No potential competing interests to declare.

Dear authors, congratulations on your article.

Although the use of UAVs in agriculture is not something new, the article could be more interesting if the design were explained in more detail, providing additional technical details and leading to a more accurate work. Therefore, my recommendation to the authors is to improve it with a major revision.

The state-of-the-art reflects recent improvements in the area of UAVs applied to agriculture. However, many other recent innovations have not been mentioned.

Areas for improvement:

- The UAV used in the study is controlled remotely by a flight controller radio. The use of manual control is prone to errors and inaccuracy of movements. The study could certainly be improved by using computer flight control with GPS coordinates. Additionally, please show more clearly the innovative contributions in the work done.
- Use a single system of reference, preferably the International System of Units.
- Providing more details about the simulation can also enhance the value of the work. Consider specifying which details might be beneficial.
- Some images (Figure 8) do not contribute much to adding value to the document. It is recommended to use meaningful illustrations. Consider suggesting specific improvements or changes.
- Please show how the mathematical development applies to the drone design and final goal. Consider specifying which aspect of the mathematical development needs further clarification.