

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

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Potential competing interests: No potential competing interests to declare.

The manuscript does not require a linguistic review: the language chosen is both technically and linguistically acceptable.

From a scientific point of view, it gives a good overview of the state of the art on UAV usage for precision agriculture. On the other hand, it does not represent a significant scientific contribution to the innovation of this specific discipline.

In addition, please think about adding more recent references (the latest dates back to 2021).

In the introduction, the authors talk about the test and evaluation of a physically fabricated quadcopter that, by an iterative process of refining, takes into account the results of the mathematics-based model to enhance UAV performance. Please include the description of the test setup in the materials and methods section and discuss the test results in the inherent session.

Moreover, in the materials and methods section, it is not clear if the drone model has been designed on a commercial platform reference or on a made-on-purpose prototype.

Finally, please better specify UAV characteristics (i.e., the needed payload in terms of sensors applied, the flight mode) that are necessary to perform precision agriculture. At the present moment, no more than the dimensions and weight of the drones employed for the simulation are given.