

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 present paper reviewed some UAV designs and their applications related to precision agriculture, including Quadcopters and fixed-wing UAVs. The UAV has been applied to precision agriculture for many years. It also includes many useful equipment such as a dual-light payload with AI technology. It can effectively enhance effectiveness. Moreover, the applied vehicles are not only Quadcopters and fixed-wing aircraft. Based on my research, the unmanned helicopter is a good choice because of better endurance and wind resistance.

In addition, the design of Quadcopters should not only focus on movement and size. The power system, including the motor and propeller, is also an important issue to be studied. Most importantly, UAVs are task-oriented. All matches must be considered in detail. You must know what the mission is you want to carry out and then deeply think about what UAV you want. That is very important for a UAV designer.

Consequently, the present work can be seen as a conference paper that introduces a kind of UAV design that can be applied to precision agriculture. But it does not make further contributions to the development and application of new kinds of UAVs.