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Drone Sprayer: An Unmanned Aerial Vehicle Equipped with a Spraying System

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Abstract: *Conventional methods of pesticide application can have several negative effects on human health. Immediate health effects from pesticide exposure include irritation of the nose, throat, and skin causing burning, stinging and itching as well as rashes and blisters. Nausea, dizziness and diarrhea are also common. Suspected chronic effects from exposure to certain pesticides include birth defects, toxicity to a fetus, production of benign or malignant tumors, genetic changes, blood disorders, nerve disorders, endocrine disruption, and reproduction effects. It is important to consider these potential health risks when using conventional methods of spraying pesticides. It is a serious public health issue. Therefore, we came up with an idea and successfully developed a Drone Sprayer, which can be a good solution for human health.*

Keywords: Drone Sprayer.

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