

How to use an airplane to spray pesticides under photovoltaic panels

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Types of Aircraft y-wing aircraft are used for the application of pesticides. Several companies have designed specific aircraft for crop spraying. Air Tractor Inc. (. airtractor), Thrush Aircraft Inc. ...

A drone application might be appealing to individuals wanting to spray where it is not practical or desirable to use a traditional spray, or perhaps, for spot spraying, as discussed in a recent eUpdate ...

This publication emphasizes using drones to spray liquid pesticides. Drones entered the agriculture scene initially for non-spraying applications, such as crop and field-condition data collection to ...

Equally important is identifying suitable use cases for spray drones. Supported by images and video, Devin outlined several such use cases, such as weed control in pasture, fungicide application to row ...

With the development of drones, the areas that require use of aircraft may continue to decline as the drone can be operated closer to a crop. Conventional global positioning systems guide ...

The enterprise responsible for providing aerial spray applications shall be certified by a competent authority for authorizing equipment and aircraft for aerial application of pesticides.

All drone-based chemical applications must adhere to FAA regulations, most of which are described in the Code of Federal Regulations (CFR) under 14 CFR Part 137, which governs the ...

When pests or diseases threaten a crop, time of application becomes critical. An airplane or helicopter can accomplish more in one hour than ground equipment can in a single day.

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