



Drone **Technology** in Agriculture

AGRI DRONE

Agricultural Drones are unmanned aerial vehicles used to help optimize agriculture operations, increase crop production and monitor crop growth. Sensors & digital imaging capabilities can equip farmers with precise data. Utilizing an agriculture drone to process information & take appropriate action may prove useful to improve crop yields in farms across the world.

- Crop Spraying
- Spot Spraying
- Crop Mapping and Surveying
- Obstacle Avoidance
- Terrain – Following Radar
- Irrigation Management
- Live Stock Monitoring
- Waypoint navigation
- Altitude locking mechanism
- Survey using multispectral camera



Benefits to Farmers

- Our agricultural drone technologies have shown to significantly reduce the need for pesticides by 50% and to use just tenths of the customary amount of water on fields.
- Crop output and productivity for paddy, maize, chilly & pulses can be increased by 85% using drone-based spraying operations.
Automated drone operations has eliminated medical expenses that farm laborers would otherwise spend on treatment to cure lung diseases & other skin disorders caused due to constant exposure to pesticides.
- Time & Cost Saving-One of the main benefits of using smart technology in agriculture is the reduced time it takes to complete many tasks. Drones are much more time-efficient than manned aircraft for things like mapping, surveillance, and crop spraying.
- Fast Data Acquisition for Accurate Farm Analysis-Through a method called drone photogrammetry, drones can help farmers and agronomists create highly accurate maps and 3D models of the area.
- Helping Fight Climate Change-By reducing the use of chemicals through data-driven targeted treatment and reducing the need fossil fuel. Help the environment and help in the fight against climate



Agriculture Spraying Drone

V2 10L- Advanced

- Motor X6 6215
- Propeller 23-24inch
- ESC 80A FOC
- Supply voltage 12S
- Maximum take-off weight 25kg
- Wheelbase 1404mm
- Opening size 1495*1308*500mm
- Folding size 945*848*500mm
- Tank capacity 10L
- Frame weight 5kg
- Muti-type spraying
- Advanced Controller
- 1 set of battery included
- 1 Year warranty



Thank You

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