

AGRICULTURE DRONES

35L FERTILIZER, SOWING

IRRIGATION, PESTICIDE SPREADING

AGRICULTURE SPRAYER DRONE



A35



PRODUCT DETAILS

35L spraying drone can spray orchards through intelligent control. The device can operate autonomously through flight control navigation, and the operator can grasp the current status and progress of spraying at any time through the display. 40L spraying drone accelerates the formation of an aerosol stream by airflow, which increases the penetration of medicine drops to a certain extent, saving labor costs and labor intensity while being more human.

PRODUCT FEATURES

1. 1.35L spraying drone is not restricted by terrain and height. It takes off from the field to implement crop operations.
2. Handheld ground station equipment can be used for operation. 40L spraying drone uses long-distance remote control operation and flight control navigation autonomous operation function. Before spraying operations, map the route of the map and enter it into the internal control system of the ground station. With the spraying device, the spraying operation is completed autonomously.
3. While the aircraft is spraying, the progress of the spraying operation can be observed in real time through the display interface of the handheld ground station.
4. The higher and more uniform the coverage density of the spray solution on the unit area, the better the control effect.
5. The spray drop test of liquid medicine reflects an advantage of the loss of pesticides by spraying with drone. When the liquid spray drops out from the sprayer, it is accelerated by the downward airflow of the 4 rotors to form an aerosol stream, which directly increases the penetration of the medical liquid mist droplets to the crops, reduces the degree of pesticide loss, and the chemical liquid deposition amount and medical liquid coverage are better than conventional. Therefore, the control effect is better than traditional, and it can also prevent pesticides from causing pollution to the soil.



PRODUCT PARAMETERS

Size	: 2560 × 2460 × 825 mm
Maximum effective takeoff weight	: 72 KG (within 1000 meters above sea level)
Battery capacity	: 14S
Flight speed	: 8m/s
Flight time	: 8min and 30s
Spraying tank	: 35L
Spreading tank	: 50L
Tank capacity	: 35KG
Spray efficiency	: 200-600 acres per hour
Spray amplitude	: 6-10m (3.5m height)
Atomized particle diameter	: 50-500um
Fertilizer tank capacity	: 50L
Broadcasting efficiency	: 80 acres per hour
Spray amplitude	: 6-12m (3.5m height)
Waterproof	: Ip67
Atomized particle diameter	: 0.5-10mm dry solid particles

