

**Draganfly Precision Spray Drone**, the ultimate performance in agricultural crop spraying. This North American made fully customizable cutting-edge drone platform delivers the ultimate performance in agricultural crop spraying. Providing precision variable rate application of liquid pesticides, fertilizers, and herbicides, the modular spray system makes this the ideal drone for multiple agriculture applications.



### Drone Specifications

Aircraft Dimensions (LxWxH) .....	<b>36" x 37" x 12"</b> (w/o propellers)
Assembled .....	<b>64" x 63" x 12"</b> (w/ propellers)
Maximum Payload Weight .....	<b>10kg (22lbs)</b>
Maximum Takeoff Weight .....	<b>25kg (55lbs)</b>
Maximum Operating Temperature .....	<b>+38° C (100.4° F)</b>
Minimum Operating Temperature .....	<b>-25° C (-13° F)</b>
Maximum Wind Resistance .....	<b>35 km/h (21 mph)</b>
Relative Humidity .....	<b>0% to 90% non-condensing</b>
Operating Ceiling .....	<b>2438m (8000ft) ASL</b>
Climb Rate .....	<b>590.6 ft/min (3m/s)</b>
Descent Rate .....	<b>590.6 ft/min (3m/s)</b>
Maximum Turn Rate .....	<b>90 deg/s</b>
Maximum Operating Airspeed (Manual) ..	<b>38 knots (72 km/h)</b>
Maximum Automated Mission Airspeed ...	<b>38 knots (72 km/h)</b>
Maneuvering Airspeed .....	<b>29 knots (54 km/h)</b>
Maximum Hover Endurance .....	<b>55 minutes</b>
Maximum Flight Endurance .....	<b>50 minutes</b>
Maximum Operating Range .....	<b>Direct visual line of sight</b>
Maximum Controller Signal Range .....	<b>2 km (1.2 miles)</b>
Maximum Altitude Angle .....	<b>34 degrees</b>
Maximum Turn Rate (Yaw) .....	<b>90 degrees/sec</b>

**Perfect for larger fields  
and variable application rates**

**Fully Customizable**

**Quick Release, Rapid Exchange**

**North American Made**

### Spray System Specifications

Tank Size .....	<b>10L</b>
Tank Configuration .....	<b>Quick Release Rapid Exchange</b>
Pump Flow Rate .....	<b>1L/Minute</b>
Spray Flow .....	<b>1.8L/Min - 3.0L/Min</b>

The **Draganfly Spray Drone** is a modular system that can be combined with other payload to **support multiple mission types in addition to spray applications**

The **Quick Release tank mechanism** allows users to rapidly exchange tanks or payloads to maximize system efficiency. Missions can be **pre-programmed or flown manually** with manual or automated control of spray application as desired.

### Additional Payload Options

**Multispectral | Hyperspectral | High-resolution RGB | Thermal**

- Our modular spray system can be used for multiple missions, increasing the lifetime value of the product to an agriculture user allowing for **better coverage, lower costs, and the ability to tackle applications that were impossible** with traditional equipment.
- **Multiple additional payloads** can be integrated to enable more effective monitoring and management of crops boosting yields and cutting costs.
- **North American made platform** that is highly customizable for all mission specs.