



AMTEC

Brand: \_\_\_\_\_ Manufacturer: \_\_\_\_\_  
Model: \_\_\_\_\_ Date of Manufacture: \_\_\_\_\_  
Serial No.: \_\_\_\_\_ Date of Test: \_\_\_\_\_  
Test Requested By: \_\_\_\_\_ Location of Test: \_\_\_\_\_

**SPECIFICATIONS**  
(Multi-rotor RPA-powered Sprayer)

Item	Manufacturer's Specification
1	Overall dimensions, mm
1.1	Length
1.1.1	Width
1.1.2	Height
2	Weight, kg
2.1	Net weight (excluding battery)
2.2	Gross weight (including battery and full tank)
3	Actual field capacity
3.1	ha/h
3.2	h/ha
4	Field application rate
4.1	L/h
4.2	L/ha
5	Flight time, s
6	Sprayer system
6.1	Tank
6.1.1	Material
6.1.2	Number
6.1.3	Capacity, L
6.1.4	Filler hole diameter, mm
6.2	Filter/strainer
6.2.1	Shape
6.2.2	Inside diameter, mm
6.2.2.1	Top
6.2.2.2	Base
6.2.3	Height, mm

Note: NA – Not Applicable, ND – No Data

Test Engineer Signature: \_\_\_\_\_ Applicant Signature: \_\_\_\_\_  
(If the applicant provided the specifications on-site/during the testing operation)

<b>Item</b>		<b>Manufacturer's Specification</b>
6.2.4	Size of filter/strainer mesh, hole/cm <sup>2</sup>	
6.3	Number of pumps	
7	Nozzle	
7.1	Type	
7.2	Model	
7.3	Number	
7.4	Material	
7.5	Effective swath, m	
7.6	Maximum spray rate per nozzle, L/min	
7.7	Droplet	
7.7.1	Size, DV <sub>0.5</sub> , μm	
7.7.2	Classification	
8	RPAS	
8.1	Electronic speed controller	
8.1.1	Brand	
8.1.2	Model	
8.2	Rotor	
8.2.1	Brand	
8.2.2	Type of rotor blade	
8.2.3	Material	
8.2.4	Diameter × pitch, mm	
8.2.5	Weight, g	
8.2.6	Number of rotors	
8.3	Flight parameters	
8.3.1	Rated takeoff weight, kg	
8.3.2	Maximum takeoff weight, kg	
8.4	Remote controller	
8.4.1	Brand	
8.4.2	Model	
8.4.3	Make	
8.4.4	Weight, kg	

Note: NA – Not Applicable, ND – No Data

Test Engineer Signature: \_\_\_\_\_

Applicant Signature: \_\_\_\_\_  
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<b>Item</b>		<b>Manufacturer's Specification</b>
8.5	Battery	
8.5.1	Brand	
8.5.2	Model	
8.5.3	Type	
8.5.4	Number	
8.5.5	Weight, kg	
8.5.6	Capacity/battery life, mAh	
8.5.7	Recommended charging time, h	

Note: NA – Not Applicable, ND – No Data

Test Engineer Signature: \_\_\_\_\_

Applicant Signature: \_\_\_\_\_

(If the applicant provided the specifications on-site/during the testing operation)