



equipment



Application of granulated larvicide products.

11L Granule Applicator ULV – LV Nebuliser

Versatile equipment with innovative technology that enables application of granulated, powder-based or liquid formulations used in controlling endemic disease transmission vectors.



Liquid ULV – LV applications



Application of powder-based products



Illustrative photo

code: 401-60/11L

11L Granule Applicator/ULV – LV Nebuliser

- 1 - New Kawasaki Engine:** 2-stroke with low levels of pollutant emissions and low fuel consumption: more powerful with higher performance.
- 2 - 11L Chemical Tank:** ideal capacity for application of granulated liquid products, with wide intake spout to facilitate replenishment.
- 3 - Agitation Control System (liquids):** allows two 2 agitation levels (maximum / minimum) to ensure perfect product mixing, even when using "wetable" powders.
- 4 - ULV / LV Nozzle:** enables Ultra Low Volume (ULV) nebulisation and Low Volume (LV) atomisation. For ULV applications, the equipment is supplied with colour-coded pre-determined dosage nozzles, for flow rates between 30 and 250 ml/min. For LV applications, an additional nozzle (orange) is supplied for flow rates of 600 ml/min.
- 5 - Unified Command (Joystick):** all the main controls are at the operator's fingertips, including the flow control system (open/close) with permits cleaning the filter while the tank is full, thus avoiding environmental contamination.
- 6 - Fuel Tank:** below-engine structure provides comfort and increased safety during refueling.
- 7 - Hour meter/Tachometer:** provides better maintenance efficiency, allowing lifetime tracking and engine speed control.
- 8 - Granulated Products Dose Kit:** manages dosage in a safe and efficient way for granulated larvicides and insecticides, as well as dry powders.



Technical Specifications

Kawasaki TK065D (E0) engine 2 stroke
Displacement 64.7cc
Maximum power (hp/kw) 4.6 / 3.4
RPM (minimum / maximum)2600*/7300*
Fuel consumption 261 g/hp/hour
Air flow (maximum) 20 m³/min.
Air speed (maximum) 90 m/sec.
Ignition (system) electronic
Chemical tank (capacity)11L
Fuel tank (capacity) 2 L
Weight (empty).....12.5kg
Weight full (product / fuel)25Kg

Horizontal reach - granulated product 11* m
Width of granulated product application 3* m
Dusting reach 25* m
Vertical spray reach 12 m
Horizontal spray reach18 m
Larvicide flow rate (Celulose based)(minimum)200* g/min.
Larvicide flow rate (Celulose based)(maximum) ...2500* g/min.
Larvicide flow rate /sand (minimum) 740* g/min.
Larvicide flow rate /sand (minimum)..... 7200* g/min.
Liquid flow rate (ULV)between 30 and 250 ml/min.
Liquid flow rate (LV)600 ml/min.
Packing Dimensions 550 X 400 X 650 mm

* Approximate values that may vary according to the product and form of application. A flow rate test is recommended before each application.

Guarany's Mission: to offer the best quality products, with innovative features that can be of public use, as well as the best services, always respecting the environment, people and markets, besides guaranteeing the satisfaction of our customers and employees.



tradition and technology

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