

EverGreen® 5-25 AQUA ULV

INSECTICIDE

SPACE SPRAY

EverGreen® 5-25 Aqua ULV is a water-based contact insecticide formulated to control mosquitoes. Labeled for aerial and ground ULV applications, Evergreen Aqua combines botanically based pyrethrins with piperonyl butoxide (PBO) to kill mosquitoes on contact.

- Intended for use by mosquito abatement agencies
- Synergized to combat metabolic resistance and increase effectiveness

PRODUCT SPECIFICATIONS

Key Target Pest(s) Mosquitoes

Signal Word Caution

Form Concentrate

Active Ingredient(s) Pyrethrins; Piperonyl butoxide (PBO)

Class of Chemistry Pyrethrins (3A); Synergist

Activity Kills by contact

Mode of Action Sodium channel modulator; Interference with P-450 mediated detoxification system

Stability If frozen, thaw and shake before use

Flammability Not listed as flammable or combustible

Odor Sweet

PPE Requirements Long pants, long sleeves, shoes and socks, chemical resistant gloves, respirator (enclosed spaces)

Maximum Yearly Application Rate 0.0025 lbs. pyrethrin/acre, or 0.025 lbs. piperonyl butoxide/acre per day

Mix or Dilute In Water (optional)

Shelf Life 3 years in ideal storage conditions

Packaging

- 5 gallon unit
- 30 gallon drum
- 55 gallon drum
- 275 gallon tote

Use Sites

Outdoor Areas

- Agricultural
- Industrial
- Overgrown waste areas, roadsides and pastures
- Recreational
- Residential
- Swamps and marshes

Application Methods

Outdoor Areas

- Ultra-low volume (ULV)
 - By air
 - By ground



Recommended Equipment

- Aerial mounted sprayers:
 - Fixed wing
 - Rotary wing
 - Rotary Atomizer
- Nonthermal ground equipment:
 - Backpack sprayers
 - Cold aerosol ULV generators
 - Handheld sprayers
 - Mechanical foggers
 - Truck mounted ULV sprayers

Aerial Equipment

Spray equipment must be adjusted so that the volume median diameter (VMD) is less than 60 microns ($D_v 0.5 < 60\mu m$) and that 90% of the spray is contained in droplets smaller than 80 microns ($D_v 0.9 < 80\mu m$).

The recommended airspeed for fixed wing aircraft with flat fan nozzles is from 120-160mph. For rotary wing aircraft equipped with rotary nozzles, apply at a sufficient airspeed to deliver appropriate amounts of active ingredient per acre.

Release Height for Aerial

- **Fixed wing:** Apply using a nozzle height of no less than 100 feet above the ground or canopy.
- **Rotary wing:** Apply using a nozzle height of no less than 75 feet above the ground or canopy.

Ground Equipment

Spray equipment must be adjusted so that the volume median diameter (VMD) is less than 30 microns ($D_v 0.5 < 30\mu m$) and that 90% of the spray is contained in droplets smaller than 50 microns ($D_v 0.9 < 50\mu m$).

UNDILUTED (5% pyrethrins)						
Lbs. a.i. per acre		Fl. Oz. per acre	Flow rates in fl. Oz. per minute at truck speeds of:			
Pyrethrins	PBO	EverGreen 5-25 Aqua ULV	5 MPH	10 MPH	15 MPH	20 MPH
0.0025	0.0125	0.76	2.3	4.6	6.9	9.2
0.0018	0.0090	0.55	1.7	3.3	5.0	6.6
0.0009	0.0045	0.27	0.8	1.7	2.5	3.3

DILUTED at 1:1 Ratio (2.5% pyrethrins)						
Lbs. a.i. per acre		Fl. Oz. per acre	Flow rates in fl. Oz. per minute at truck speeds of:			
Pyrethrins	PBO	EverGreen 5-25 Aqua ULV	5 MPH	10 MPH	15 MPH	20 MPH
0.0025	0.0125	1.52	4.6	9.2	13.8	18.4
0.0018	0.0090	1.09	3.3	6.6	9.9	13.2
0.0009	0.0045	0.55	1.7	3.3	5.0	6.6

MGK Sustainability in Action

- Water-based, non-flammable formulation concentrated to reduce transportation carbon emissions
- Container is HDPE and 100% recyclable
- Shipping cartons and paper labels are sourced from Sustainably Managed Forests
- Formulated in a production facility that uses 100% renewable energy
- Responsibly sourced ingredients, like pyrethrum from Tanzania, supports long-term prosperity for smallholder farmers and drives economic growth in their communities
- Available in bulk, reducing packaging materials

Always read and follow all label instructions.

For any medical or safety questions, concerns, or incident reports, call 1-888-740-8712.