



EverGreen® ULV 5-25 Ground is an oil-based contact insecticide formulated with botanically based pyrethrins and synergized with piperonyl butoxide (PBO) to flush mosquitoes from harborage areas and maximize contact for a faster, more complete kill.

- Intended for use by mosquito abatement agencies
- Synergized to combat metabolic resistance and maximize 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	Combustible
Odor	Sweet – solvent
PPE Requirements	Long pants, long sleeves, shoes and socks, chemical resistant gloves, respirator (enclosed spaces)
Maximum Yearly Application Rate	0.2 lbs. pyrethrins/acre, or 2.0 lbs. piperonyl butoxide/acre per year, whichever is lower
Mix or Dilute In	Oil (optional)
Shelf Life	3 years or more 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



Best Practices When Using Evergreen ULV 5-25 Ground

Evergreen ULV 5-25 Ground may be applied undiluted or diluted with a suitable oil, such as (but not restricted to) light mineral oil, deodorized kerosene or petroleum distillate, for use in cold fog aerosol generators.

Recommended Equipment

- Aerial mounted sprayers:
 - Fixed wing
 - Rotary wing
 - Rotary Atomizer
- Ground equipment:
 - Backpack sprayers
 - Cold aerosol ULV generators
 - Thermal aerosol fogging equipment
 - 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 ($D_v 0.9 < 80\mu m$).

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 ($D_v 0.9 < 50\mu m$).

	Application Rates Lbs. Pyrethrins/Acre	Fl. Oz. to Use per Minute			Fl. Oz. of Evergreen ULV 5-25 Ground per Acre
		5 mph	10 mph	15 mph	
Light Infestation	0.0018	1.8	3.4	5.1	0.63
Normal Infestation	0.0020	2.0	4.0	6.0	0.70
High Infestation	0.0025	2.4	4.7	7.1	0.88
When targeting <i>Aedes taeniorhynchus</i> and other difficult species	0.008	8	16	24	2.80

Sustainability in Action

- 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
- Our responsible sourcing of 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.