

Sumilarv® 0.5GWSP

MOSQUITO GROWTH REGULATOR

WATER SOLUBLE POUCH

Sumilarv® 0.5G Sachets (WSP) is an insect growth regulator that prevents emergence of adult mosquitoes by disrupting development at the pupal stage. This sand granule formulation is pre-dosed in convenient water-soluble packets (WSP). The granules stay where they are placed, remaining effective through rain and temperature changes.

- Up to 150-day residual activity in catch basins
- Controlled release insect growth regulator that breaks the mosquito life cycle
- Non-flushing active adheres to concrete and organic debris
- Remains effective in areas that dry and rewet
- Ready-to-use sachets provide easy application and accurate dosing



PRODUCT SPECIFICATIONS

Key Target Pest(s)	Mosquitoes, including <i>Aedes</i> , <i>Anopheles</i> , and <i>Culex</i> spp.
Signal Word	Caution
Form	Granular WSP (25g sachets)
Active Ingredient(s)	Pyriproxyfen
Class of Chemistry	Juvenile hormone receptor modulator (7C)
Activity	IGR, residual
Mode of Action	Disrupt and prevent metamorphosis
Stability	Avoid storing sachets in moist conditions
Flammability	Not listed as flammable or combustible
Odor	Slight
PPE Requirements	None listed
Maximum Yearly Application Rate	20lb Sumilarv 0.5G/Acre/Year
Mix or Dilute In	Ready to use
Shelf Life	3 years

Packaging

- 1kg unit with 40 WSP (10 per case)

Use Sites

Catch basins

Temporary/Permanent Water Holding Sites

- Ornamental ponds
- Landfills
- Waste water impoundments
- Salvage yards
- Manmade depressions

Natural/Artificial Water Holding Containers

- Tires
- Potted plants
- Hollow trees and tree holes
- Bird baths
- Flooded roof tops

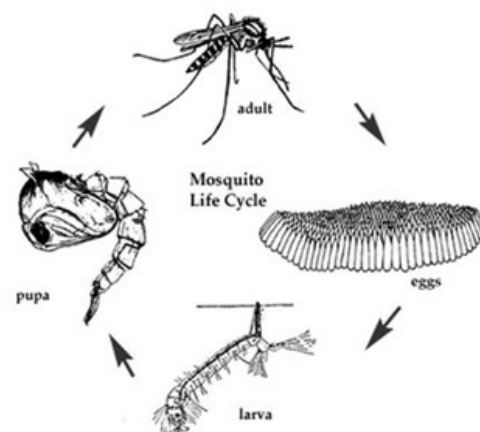
Livestock Areas

- Animal waste lagoons



Sumilarv 0.5G Tips and Tricks From the MGK Technical Department

- Calculate the size and water volume of treatment area prior to application.
- The active ingredient in Sumilarv 0.5G affects different life stages. Eggs exposed to pyriproxyfen are less likely to hatch and immature mosquitoes will not develop past the pupal stage. The presence of actively swimming larvae after Sumilarv 0.5G application is normal.
- When applying to manure lagoons, ornamental ponds and similar sites, apply Sumilarv 0.5G along the edges where mosquitoes are more likely to congregate.
- For best results, use Sumilarv 0.5G as part of an integrated pest management program to control the targeted pest and the diseases they vector.



Application Rates

Water Holding Sites/Containers		
Volume of Water (Gallons)	Water Depth (ft) Less Than or Equal To	Number of Water-Soluble Packets
0-500	1	1
500-1500	2	2
1500-3000	4	3
3000-4500	6	4
4500-6000	8	5
Catch Basins		
Number of Water-Soluble Packets		
1-3		

Always read and follow all label instructions.