

# Mosquito Control Products

(Professional Applicators)

MOSQUITO LARVICIDES		
Active ingredient	Formulation	Product Names
<i>Bacillus thuringiensis isrealiensis</i>	Granules and pellets	Aquabac 200G, Aquabac 400G, Fourstar WSP, Fourstar SBG, Teknar CG, Teknar G, VectoBac GR, VectoBac GS, VectoPrime FG
	Aqueous suspension	Aquabac XT, Teknar SC, Teknar HP-D
	Briquets	Fourstar Briquets (45 and 180 days), Fourstar Sustained release briquettes (45 and 150 day)
<i>Bacillus sphaericus</i>	Granules	VectoLex CG, VectoLex FG, VectoLex WDG, Spheratax SPH
	Water-soluble pouch	VectoLex WSP
<i>Bacillus thuringiensis isrealiensis</i> and <i>Bacillus sphaericus</i> combined	Granules	VectoMax FG or CG, Fourstar CRG, Fourstar MBG,
	Water-soluble pouch	VectoMax WSP
	Briquets	Fourstar Briquets (90 days)
Methoprene (insect growth regulator)	Liquid larvicide	Altosid Liquid Larvicides (SR-5 and SR-20)
	Pellet	Metalarv S-PT, Altosid Pellets, Altosid Pellets WSP
	Briquets	Altosid 30 day Briquet, Altosid XR Briquet
	granules	Altosid XR-G, Altosid SBG-II
Larviciding oils	Monomolecular surface films	Agnique MMF ( <i>discontinued</i> )
	Petroleum distillates	Cocobear, BVA 2, Kontrol Mosquito Larvicide
Spinosad	Emulsifiable concentrate	Natular 2EC
	Tablet	Natular DT, Natular T30, Natular XRT
	Granule	Natular G, Natular G30

## Adult Mosquitoes

Insecticide	Comments and Application Instructions
<b>Residual Spray</b>	
Permanone (10% permethrin)	Mix 1.3 fluid ounces per gallon of water
Demand CS (9.7% lamdacyhalothrin)	Mix 0.2 to 0.4 fluid ounce per gallon water.
Suspend SC (4.75% deltamethrin)	Mix 0.75 to 1.5 fluid ounces per gallon of water.
Talstar ( 7.9% bifenthrin)	Mix 0.1 to 0.21 fluid ounce per gallon of water.
<b>Thermal Fog-Ground</b>	
Fyfanon ULV (95% malathion)	Dilute at rate of 6-8 ounces per gallon of fuel oil. Apply at rate of 80 gallons per hour at 10 mph.
<b>ULV Ground (Nonthermal)</b>	
Fyfanon ULV (95% malathion)	Apply 2.0 to 4.3 fluid ounces per minute at 10 mph.
DeltaGard (Deltamethrin)	Check label for rates and application instructions.
Scourge (Resmethrin 4% + PBO 12%)	Check label for rates and application instructions.
(Resmethrin 18% + PBO 54%)	
Permethrin + PBO (several brand names and formulations <sup>1</sup> )	Check labels for rates and application instructions.
Anvil (Sumithrin + PBO)	Check label for rates and application instructions.
Zenivex (Etofenprox, non-ester pyrethroid)	Check label for rates and application instructions.
Pyrethrins + PBO (Pyrenone and MGK products)	Check label for application instructions
Duet (Phenothrin + Prallethrin)	Check label for application instructions
<b>ULV Aerial Application</b>	
Permethrin + PBO (several brand names and formulations <sup>1</sup> )	Check labels for application instructions.
Fyfanon ULV (96.5%)	Apply 2.6-3.0 fluid ounces of undiluted product per acre.
Dibrom (87.4% naled)	Apply 0.5-1.0 fluid ounce of undiluted product per acre.
Scourge (Resmethrin 4% + PBO 12%)	Check label for application instructions.
(Resmethrin 18% + PBO 54%)	
Pyrethrins + PBO (Pyrenone and MGK products)	Check label for application instructions.
<sup>1</sup> Aqua-Reslin, Aqua-Kontrol, some Permanone formulations	