

# Misting Language for Vector Ban Plus

## **OUTDOOR RESIDENTIAL MISTING SYSTEMS (RESIDENTIAL YARDS, PLAYSCAPES) NOTE: NOT REGISTERED FOR USE in automatic ULV misting systems in the State of New York and California.**

Use to control, or temporarily reduce annoyance from spiders and accessible stages of: mosquitoes, including the Culex species which may carry and transmit West Nile virus; flies, deer flies, horse flies; gnats; hornets, wasps, yellow jackets; firebrats; small flying moths; earwigs; fleas; ticks, including species that may carry and transmit Lyme disease; cockroaches; crickets; silverfish; Asian lady beetles; and other nuisance insects.

When using this product installers and service technicians must comply with license, certification, or registration requirements of the states, tribes, or local authorities where they are installed.

Do not apply this pesticide when people, pets, and food are present.

Do not use in an evaporative cooling system.

Direct nozzles to spray towards the target area and away from swimming pools, water bodies, or eating and cooking areas.

Do not set nozzles to direct mist near outside air conditioning systems or other outdoor home air intakes.

If used in a system with a reservoir tank [unit / mister] [optional marketing language] for the end use dilution, the system [unit / mister] [optional marketing language] reservoir tank must be locked. Securely attach the end use and use pesticide label and a dilution statement to the system [unit / mister] [optional marketing language] tank in a weather protected area or plastic sleeve. The dilution statement must be phrased as follows (see dilution table below):

“ THIS CONTAINER HOLDS 1 PART Vector-Ban Plus TO 110 PARTS WATER.”

OR

“ THIS CONTAINER HOLDS 1 PART Vector-Ban Plus TO 55 PARTS WATER.”

If the system works on an automatic timer, set the timing for application when people, pets, and food are unlikely to be present.

If the system works when a person operates a remote activation device, then application of this pesticide when people, pets, and food are present is prohibited.

Contact the system manufacturer for guidance or assistance to assure compliance with the following requirement: This product may only be used in systems [unit / mister] [optional marketing language] that have been calibrated to apply no more than the maximum application

rate of 0.0054 pounds Vector-Ban Plus, (0.09 fluid ounces Vector-Ban Plus) per 1000 cubic feet per day (equivalent to 1.66 g per 100 M3 ).

Mixing directions for systems [unit / mister] [optional marketing language] that utilize a reservoir tank for the end dilution:

Partially fill reservoir tank half full with water, add Vector-Ban Plus, then fill remainder of reservoir tank. For 1:100 dilution, mix 11.6 fluid ounces Vector-Ban Plus per 10 gallons of water. In case of high insect population or hard-to-control species, use 23.25 ounces per 10 gallons of water for a 1:55 dilution ratio. It is recommended that the system reservoir tank be shaded from direct sunlight and direct heat sources.

If used in a direct injection system, the pesticide container must be locked. Securely attach the end use label to the pesticide container in a weather protected area or plastic sleeve.

System nozzles and pressure should be able to deliver a fine particle droplet size (ULV, mist or aerosol).

**DILUTION TABLE FOR AUTOMATIC SPRAYING SYSTEMS**

Tank size (gallons)	Fluid ounces concentrate per gallon of water	Fluid ounces of concentrate to add to tank
1		1.16
15	For 1:100 dilution:	17
20		23
30		35
55		64
1	For 1:55 dilution	2.32
15		34
20		45
30		70
55		125

**TO REFILL A PARTIALLY FILLED TANK:** Determine the amount of additional solution (in gallons) required to re-fill the tank. Multiply the number of gallons required to refill the tank times 1.16 to determine the amount of this concentrate to add when refilling (to achieve 0.09% synergized permethrin solution.)