

Stryker 5-25 – Misting Instructions

For Use in Automatic ULV Spraying Systems, in areas such as Animal quarters, Dairy/Beef barns, Poultry houses, Swine housing, Warehouses, Residential backyards and other listed indoor and outdoor areas.

Note: Not registered for use in Automatic ULV Spraying Systems in the State of New York.

Use to kill, or temporarily reduce annoyance from, accessible stages of Aedes Mosquitoes, American Cockroaches, Anopheles Mosquitoes, Black Widow spiders, Brown dog ticks, Clover mites, Crickets, Darkling beetles, Earwigs, Fannia flies, Face flies, Firebrats, German Cockroaches, Gnats, Horn flies, House flies, Silverfish, Small flying moths, and Stable flies, and other nuisance insects.

Mix 1/2 gallon (66.56 ml) of concentrate in 55 gallons (208 L) of water to yield a solution of 0.046% Pyrethrins and 0.23% Piperonyl Butoxide. For high populations of insects, or when treating species that are difficult to control, mix up to 1 gallon of concentrate in 55 gallons (208 L) of water to yield a solution of 0.093% Pyrethrins and 0.46% Piperonyl Butoxide. When filling tank, partially fill the system reservoir tank with water, add concentrate, and then fill the rest of the tank with water. Set system nozzles to deliver fine particle size droplets (aerosol or mist) with a delivery rate not to exceed 1.25 fluid ounces (1.3 mL) of solution per minute, with 1 nozzle covering 100 square feet (9.29 m²). Set system timer to operate in accordance with equipment directions.

Since high water temperatures can degrade pyrethrins, it is recommended that system tanks be sheltered or insulated from direct exposure to the sun. Use of an EPA-approved antimicrobial agent is also recommended. For best performance the spray solution pH should be in the range from 5.5-7.0. Avoid setting up systems nozzles in a manner that delivers spray solution into swimming pools or pools containing fish and other organisms that are sensitive to Pyrethrins. Automatic systems must be programmed so as not to activate and/or release pesticides when people, pets and food or feed are present. Install a rain sensor and a wind sensor on the system to control drift and runoff. Lock the system reservoir tank and securely attach a legible copy of the label to the system reservoir tank or on the outside of the system timer. Never use concentrate in an evaporative cooling system.

This product will kill insects directly contacted by its spray solution. Since many of the targeted insects can migrate in and out of treatment areas, it is recommended that this concentrate be used as part of an Integrated Pest Management (IPM) program. Kill practices such as, but not limited to, eliminating breeding and harborage sites, combined with appropriate use of contact insecticides, Insect Growth Regulators (IGRs) and/or residual insecticides will provide the most effective killing of target insects.