

## **DIRECTIONS FOR USE IN AUTOMATIC MISTING AND ULV SPRAYING SYSTEMS**

### General Information

#### GENERAL PRECAUTIONS AND USE RESTRICTIONS

- Apply this product only as specified on the label.
- Do not use spoons or measuring cups for food purposes after use with pesticides.
- Do not use in food areas of restaurants or food handling establishments or other areas where food is commercially prepared or processed. Do not use in a facility that is in operation or in serving areas while food is exposed. Serving areas are defined as areas where prepared foods are served such as dining rooms, but exclude areas where food may be prepared or held. When used in the home, cover or remove all exposed food and cooking utensils and cover all food-processing surfaces or wash thoroughly after treatment and before re-use.
- Do not contaminate food or feedstuffs.
- Do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Except when applying to pets or livestock or through outdoor residential misting systems, do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Except when applying to pets or livestock or through outdoor residential misting systems, only protected handlers may be in the area during application.
- Except when applying to pets or livestock or through outdoor residential misting systems, do not enter or allow others to enter until vapors, mists, and aerosols have dispersed, and the area has been thoroughly ventilated.
- Do not remain in the treated area. Exit immediately and remain outside the treated area until vapors, mists and aerosols have dispersed.

- Remove or cover exposed food and drinking water before application.
- Do not use in aircraft cabins.
- Do not apply directly to or near water, storm drains or drainage ditches. Do not apply in windy conditions. To prevent run-off, do not water the treated area(s) or apply when heavy rain is expected. Rinse application equipment only over treated area.
- Do not wet plants to point of run-off or drip. Do not use treated articles until spray has dried.
- When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.
- Remove pets and birds, and cover fish aquaria before application. Turn off aquarium filtering systems before spraying and wait approximately 15 minutes after application before turning the filter back on.
- This product is not for use on plants being grown for sale or for other commercial use. This product should not be used for research purposes, for commercial seed production, for commercial nursery use, or forestry use.

#### Limitations, Restrictions, and Exceptions

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In areas such as animal quarters, dairy and beef barns, poultry houses, swine housing, warehouses, zoos and other listed livestock or animal housing areas.

To kill Flies, House Flies, Horn Flies, Stable Flies, Deer Flies, Horse Flies, Mosquitoes, including the Culex species that may carry and transmit the West Nile Virus, Gnats, Hornets, Wasps, Yellow Jackets, Fire Brats, Small Flying Moths, Earwigs, Fleas, Ticks, Crickets, Cockroaches, Silverfish, Spiders and other listed insects: Mix 1/2 gallon (64 fluid ounces) of VECTOR-BAN PLUS in 55 gallons of water to yield a solution of 0.09% permethrin plus 0.09% PBO For high populations of insects or when treating species that are difficult to control, mix up to 1 gallon of VECTOR-BAN PLUS in 55 gallons of water to yield a solution of 0.18% permethrin and 0.18% piperonyl

butoxide. When filling tank, partially fill the system reservoir tank with water, add concentrates to tank, then add water to obtain desired dilution.

System nozzles should deliver fine particle size droplets (aerosol or mist). Nozzles should be rated for a delivery rate not to exceed 1.25 fluid ounces of solution per minute, with one nozzle covering 100 square feet. Set system timer to operate in accordance with equipment directions. Automatic spraying systems must not be designed and programmed to release pesticides where feed or water is directly exposed to spray mist.

Personnel should vacate containment treatment areas while treatment is in progress. Treated areas should be thoroughly ventilated prior to re-entry by personnel. Do not use in commercial food/ feed handling establishments, restaurants, or other areas where food is commercially prepared or processed.

Method

[Spray](#)

Rates

[field rates 0](#)

[field rates 1](#)

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Timings

[When insects first appear.](#)