

CIR-181739/2021-Bifenthrin (WP) (428)-1269

Bifenthrin 10% WP w/w

(Public Health Insecticide)

Bifenthrin 10% WP is a broad spectrum insecticide containing active ingredient 10% w/w Bifenthrin. A highly effective public health insecticide for control of adult mosquito. NOT TO BE USED ON ANY FOOD CROPS.

* Caution :- It is toxic to honey bees, spray application should be avoided during the foraging period of bees. Toxic to aquatic organisms hence should not be used near water bodies, aquaculture or pisciculture.

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water (in water)	Waiting Period between last spray to harvest	Re-entry after each Application (In Hours)
		AI mg/m ²	Formulation gm/500m ²			
-----	Adult Mosquitoes (Anopheles sp.)	25(2 rounds of spraying 3 months apart)	125	Dilute 125 gm of Bifenthrin 10% WP in 10 litres of water to cover 500 m ² area.	-----	

Direction of Use

Apply thoroughly on all surfaces covering dark corners and hidden places where mosquitoes rest.
EQUIPMENT FOR USAGE: Foot stir-ip pump, knapsack and Domestic hand sprayer.

Time of Application

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Precaution

1. Avoid raising a dust cloud.
2. Wear overalls, gloves, boots and face shield during application and avoid exposure to the spray.
3. Do not inhale atomized spray, avoid eyes and skin contact.
4. Do not eat, drink or smoke while spraying.
5. Do not spray on foodstuffs, utensils, birdcages, pets or human.
6. Wash hands and other exposed parts of the body with ample water and soap.
7. In case of accident call the physician.
8. Should not be sprayed near water bodies.

Symptoms Of Poisoning

Effects from overexposure result from either swallowing, inhaling or coming into contact with the eyes or skin. Symptoms of overexposure include bleeding from the nose, tremors and convulsions. Contact with this product may occasionally produce skin sensations such as rashes, numbing, burning or tingling. These skin sensations are reversible and usually subside within 12 hours.

First Aid

1. If inhaled remove the patient into fresh air. If breathing difficulty or discomfort occurs and persists, obtain medical attention.
2. Rinse mouth with water. Dilute by giving 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. See a medical doctor immediately.
3. Remove contaminated clothes, wash contaminated skin and clothes with soap and plenty of water. Get medical attention if irritation occurs and persists.
4. If eyes are contaminated, wash for 15 minutes with clean water.

Antidote

There is no specific antidote. Treat symptomatically.

Disposal Of Used Container

1. It shall be the duty of manufacturers, formulators of insecticides and operators to dispose packages or surplus materials and washing in a safe manner so as to prevent environmental or water pollution.
2. The used packages shall not be left outside to prevent their re-use.
3. The packages shall be broken and buried away from habitation.

Storage Conditions

1. The package containing insecticides shall be stored in separate rooms or premises away from the rooms or premises used for storing other articles or shall be kept in separate almirahs under lock and key depending upon the quantity and nature of the insecticides.
2. The rooms or premises means for storing insecticides shall be well built, dry, well-lit and ventilated and of sufficient dimension to prevent environmental contamination with vapour of insecticide.

Chemical Composition:

Bifenthrin a.i.	10.00 % w/w
Anionic surfactant of Naphthalene sulphonic acid condensate	7.00 % w/w
Lauryl alcohol condensate	3.00 % w/w
Soda Ash	0.20 % w/w
Precipitated silica	23.80 % w/w
China clay	Q.S %
	Total: 100.000% w/w