

CIR-181740/2021-Bifenthrin (EC) (428)-1270

**Bifenthrin 10% EC w/w**

( Insecticide )

Bifenthrin 10% EC is a broad spectrum insecticide having contact and stomach action against bollworm and sucking pest white fly in Cotton and leaf folder, green leaf hopper & stem borer in Rice, termite in Sugarcane. It contains 10% w/w active ingredient Bifenthrin with other relevant ingredients.

\* 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 (Lt)	Waiting Period between last spray to harvest (days)	Re-entry after each Application (In Hours)
		AI (gm)	Formulation (ml)			
Cotton	Bollworm	80	800	500	15	
	white fly	80	800	500	15	
Sugarcane	Termite	100	1000	500	10 (Months)	
Rice	Stem borer, Leaf folder, green leaf hopper	50	500	500	21	

**Direction of Use**

1. DIRECTION FOR USE: Take the measured quantity of Bifenthrin 10% EC, add to it a small quantity of water, mix thoroughly and then add the remaining quantity of water while stirring vigorously. Do not spray facing the wind.
2. EQUIPMENT USED IN APPLICATION: Knapsack sprayer, Knapsack power sprayer, motorized Knapsack sprayer cum duster, compression Knapsack sprayer, compression Knapsack battery sprayer, wheel barrow sprayer and HTP power sprayer.

**Time of Application**

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**Precaution**

1. Avoid inhalation and contact with skin and eyes.
2. Keep away from children, food stuffs, animals feeds, heat and flame. Store in a cool place under lock and key.
3. Do not mix the insecticide with bare hands.
4. Do not eat, drink, smoke or chew tobacco while spray.
5. Spray the insecticide only in the direction of wind blowing and not against it so as to prevent the setting of the drifts on body.
6. The user should use full protective clothing with rubber gloves, boots. Face should be covered with face shield or dust mask and body should be covered with an overall or rubber apron and hood or hat.
7. Do not use as an ultra low volume spray.
8. Should not be sprayed near water bodies.
9. It should not be used in the areas where pisciculture/aquaculture is practised.

**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.

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.

#### **Phytotoxicity**

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#### **Antidote**

Treat symptomatically and supportively.

#### **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
Emulsifier-Blend of Calcium alkyl benzene sulphonate	10.00 % w/w
and alkoxy alkyl ether and alkoxyalkyl aryl ether	%
C-IX-Solvent	QS % w/w
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<b>Total:</b>	
<b>100.000% w/w</b>	
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