

CIR-181862/2021-Cypermethrin (EC) (428)-1669

**Cypermethrin 10% E.C.**

**( Insecticide )**

It is a synthetic pyrethroid insecticide containing Cypermethrin a.i. 10% by mass and balance other relevant ingredients. Formulation dosage = a.i. x 100 / 10 x sp. gr. (0.91)

**Recommendation**

<u>Crop(s)</u>	<u>Common Name of Pest</u>	<u>Dosage/HA</u>		<u>Dilution in Water in water (Lt)</u>	<u>Waiting Period between last spray to harvest (days)</u>	<u>Re-entry after each Application (In Hours)</u>
		<u>AI (gm)</u>	<u>Formulation (ml)</u>			
Cotton	Spotted Bollworm, American Bollworm, Pink Bollworm	50-70	550-760	150-1000	7	
Wheat	Shootfly	50	550	500-800	14	
Cabbage	Diamnod black moth	60-70	650-760	100-400	7	
Brinjal	Fruit & shoot borer	50-70	550-760	150-400	3	
Okra	Fruit borer	50-70	550-760	150-400	3	

**Direction of Use**

P.P. Equipment:- Knapsack sprayer, Knapsack, motorised knapsack sprayer cum duster, compression knapsack battery sprayer, Wheel barrow sprayer.

**Precaution**

1. Keep away from foodstuffs, empty foodstuff containers and animals food.
2. Avoid contact with mouth, eyes and skin.
3. Avoid inhalation the spray mist. Spray in the direction of wind.
4. Wash thoroughly the contaminated clothes and parts of the body after spraying.
5. Do not smoke, drink, eat and chew anything while spraying.
6. Wear full protective clothing while mixing and spraying.

**Symptoms Of Poisoning**

Nervousness, anxiety, tremor, convulsions, skin allergies, sneezing, running nose and irritation may occur.

**First Aid**

1. If swallowed, donot induce vomiting or give liquid orally.
2. If clothing and skin are contaminated, remove the clothes and wash the contaminated skin with copious amount of soap and water.

3. If eyes are contaminated, flush with plenty of saline/clean water for about 10 to 15 minutes.
4. If inhaled, remove the patient to fresh air.

### **Phytotoxicity**

The product is not phytotoxic when used as per field recommendation.

### **Antidote**

No specific antidote is known, Treat symptomatically. Antihistamines may be given to control allergies.

### **Disposal Of Used Container**

1. It shall be the duty of manufactures formulators and operator to dispose packages or surplus materials and washings from the machine and container shall be disposed off in a safe manner so as to prevent environmental and water. pollution.
2. The used packages shall not be left outside to prevent their re-use.3 Packages shall be broken and burried away from habitation.

### **Storage Conditions**

1. The package containing the material shall be stored in separate rooms or primeses away from the rooms or promises used for storing other articles or shall be kept in separate almirahs under lock and key depending upon the quantity and nature of the material.
2. The rooms or premises meant for storing the insecticide shall be well built, dry, cool, well lit and ventilated and of sufficient dimension.

### **Chemical Composition:**

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Cypemethrin tech.	(based on 50% w/w a.i.	20.00 % w/w
Emulsifier	Mixture of ethylene oxide condensate of alkyl phenol & sulphonated alkyl benzene Alkyl aryl Sulphonate + Poly oxy Ethylene Phenol	8.80 % w/w
Solvent	Xylene	71.20 % w/w
<b>Total:100.000 % w/w</b>		

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