

CIR-181861/2021-Cypermethrin (EC) (428)-1668

**Cypermethrin 25% E.C.**

**( Insecticide )**

It is highly active synthetic pyrethroid insecticide based on Cypermethrin technical. Its 25% w/w as its active ingredient and balance adjuvants.

**Recommendation**

<u>Crop(s)</u>	<u>Common Name of Pest</u>	<u>Dosage/HA</u>		<u>Dilution in Water in water (Ltr)</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	Bollworms Thrips & Jassids	40-70,20-30	160-280,80-120	400-800,200-300	-	
Brinjal	shoot & fruit borer jassids Epilachna grub	37-50	150-200	500	1	
Bhindi	shoot & fruit borer, jassids,	37-50	150-200	500	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, do not 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. Empty containers shall be broken & buried away from habitation
2. The user should container or packages shall not be left outside to prevent their re - use Packages or surplus material & washings should be disposed off in a safe manner as to prevent environmental or water pollution

### **Storage Conditions**

1. The packages containing the material shall be stored in separate rooms or premises away from the room or premises for storing other articles or shall be kept in separate almirahs under lock key depending upon the quantity and nature of material.
2. The room or premises meant for storing the material shall be well built dry well-lit ventilated and of sufficient dimensions to avoid contamination with vapours

### **Chemical Composition:**

---

Cypermethrin Tech.	(based on 92% w/w a.i.)	27.00 % w/w
Emulsifier	Mixture of ethylene oxide condensate of alkyl phenol & sulphonated alkyl benzene	10.00 % w/w
Solvent : Xylene		47.75 % w/w
Cyclohexanone		15.25 % w/w
		<b>Total: 100.000% w/w</b>

---