

CIR-181536/2021-Lambda Cyhalothrin (EC) (428)-1726

**Lambda Cyhalothrin 2.5% EC**

**( Contact Insecticide )**

It is a stomach and contact insecticide with little fumigant action. It contains lambda cyhalothrin 2.5% A.I. and balance adjuvants. It is a contact and systemic insecticide which is effective for the control of insects pests of Cotton & Rice.

**Recommendation**

<u>Crop(s)</u>	<u>Common Name of Pest</u>	<u>Dosage/HA</u>		<u>Dilution in Water (Ltr)</u>	<u>Waiting Period between last spray to harvest between last spray (in days)</u>	<u>Re-entry after each Application (In Hours)</u>
		<u>AI (gm)</u>	<u>Formulation (ml)</u>			
Cotton	Bollworms	15-25	600-1000	400-600	21	
	Jassids	15-25	600-1000	400-600	21	
	Thrips	15-25	600-1000	400-600	21	
Rice	Leaf folder, Stem borer, Green Leaf hopper, Gall midge, Hispa, Thrips	12.5	500	400-600	15	

**Direction of Use**

Plant Protection Equipment : Lambdacyhalothrin 2.5% E.C. can be sprayed in the field for high volume spraying using the equipment like

Bucket sprayer, Rocking sprayer, stirrup pump sprayer (singal and double barrel) Knapsack sprayer, Foot sprayer , Wheel barrow-sprayer, Compression Knapsack sprayer, A S P E E HTP Power sprayer. For low volume spraying motorised knapsack mist blower cum duster can be used.

**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 It shall be the duty of manufacturers/formulators of herbicide 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 buried away from habitation.

### **Storage Conditions**

1. The packages containing the 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 almirah under lock and key depending upon the quantity and nature of the insecticide 2. The rooms or premises meant for storing the insecticides shall be well built, dry, well-lit, ventilated and of sufficient dimensions to avoid contamination with vapours

### **Chemical Composition:**

Lambdacyhalothrin	(a.i.)	2.50 % w/w
Surfactants :-Creslox AE 4	Calcium salt of alkyl benzene sulphonate 20%, Alkyl phenol ethoxylate 57%, Solvent (Methanol, Isobutanol and aromax) 23%	7.00 % w/w
Creslox AE 5	Calcium salt of alkyl benzene sulphonate 36%, Alkyl phenol ethoxylate 34%, Solvent (Methanol, Isobutanol and aromax) 30%	3.00 % w/w
Solvent C -IX		Q.S. % w/w
<b>Total:</b>		<b>100.000 % w/w</b>