

CIR-181533/2021-Lambda cyhalothrin (EC) (428)-1723

Lambda cyhalothrin 5% EC.

(Insecticide)

Lambda cyhalothrin 5% EC is a contact and systemic insecticide.

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 (in days)</u>	<u>Re-entry after each Application (In Hours)</u>
		<u>AI (gm)</u>	<u>Formulation (ml)</u>			
Red gram	Pod borer, Pod fly	20-25	400-500	400-600	15	
Mango	Hoppers	0.0025-0.005%	0.5-1.00 ml/litre water	-	7	
Cotton	Bollworms, Jassid, Thrips	15-25	300-500	400-600	21	
Chikpea	Pod borer	25	500	300-400	6	
Tomato	fruit borer	15	300	400-600	4	
Rice	Leaf folder, Stem Borer, Green leaf hopper, Gall midge, Hispa, Thrips	12.5	250	400-600	15	
Onion	Thrips	15	300	300-400	5	
Brinjal	Shoot & fruit borer	15	300	400-600	4	
Okra/Bhindi	Jassid, Shoot borer	15	300	300-400	4	
Chilli	Thrips, Mite, Pod borer (Spodoptera)	15	300	400-600	5	
Ground Nut	Thrips, Leaf hopper, Leaf miner	10-15	200-300	400-500	10	

Direction of Use

Plant Protection Equipment :- Bucket sprayer, Rocking sprayer, Stirrup pump sprayer(Single and double barrel) Knapsack sprayer, foot sprayer, wheel barrow sprayer, compression Knapsack sprayer, compression Knapsack battery or ASPEE-HTP powder sprayer.

Precaution

1. Keep away from foodstuffs, empty foodstuff containers and animals feed.
2. Avoid contact with eyes, mouth and skin.
3. Avoid inhalation the spray mist. Spray in the direction of wind.
4. Wash thoroughly the contaminated clothes and part 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 stiffness of nose may occur.

First Aid

1. If swallowed, do not induce vomiting or give liquid.
2. If clothing and skin is contaminated, remove the clothes and wash 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. Used packages or surplus materials and washing from the insecticides and container shall be disposed off in a safe manner so as to prevent environmental and water pollution.
2. The used package shall not be left outside to prevent re-use.
3. Packages shall be broken and buried away from habitation.

Storage Conditions

1. The package containing the insecticide shall be stored in separate rooms or premises away from the rooms or premises used for stored other articles particularly article of food or shall be kept in separate almirahs under lock and key depending on the quantity and nature of insecticide.
2. The rooms or premises meant for storing the insecticides shall be well lit, well built, dry, cool, ventilated and sufficient dimensions to avoid contamination with vapour.

Chemical Composition:

Lambdacyhalothrin a.i.		5.00 % w/w
Emulsifiers - Creslox AE 4	Mixture of Calcium salt of Alkyl benzene sulphonate 20%, Alkyl phenol ethoxylate 57% and Solvents (Methanol, Isobutanol and Aromex 23%)	7.00 % w/w
- Creslox AE 5	Mixture of Calcium salt of Alkyl Benzene Sulphonate 36%, Alkyl phenol ethoxylate 34% and Solvents (methanol, Isobutanol and Aromex 30%)	3.00 % w/w
Solvent (Aromax)		QS % w/w
Total:		100.00 % w/w