CIR-181535/2021-Lambda-cyhalothrin (Capsule Suspension) (428)-1725

Lambda-cyhalothrin 4.9% Capsule Suspension

(Insecticide)

Lambda cyhalothrin 4.9% Capsule Suspension ios a capsule suspension formulation wherein the active ingredient is sealed in a tiny thinwalled capsules suspended in water and is released only when the spray depost dries on the target pest and leaft surface. It is recommended for the control of bollworms in cotton, stem borer & Leaf folder in Paddy, shoot and fruit borer in Brinjal, Fruit borer in Okra & Tomato, Thrips & Flea beetle in Grapes and Thrips & Pod Borer in Chili and stemfly & semiloopr in soybean crops, Thrips and fruit borer on Pommegranate, Shoot & capsule borer and Thrips on Cardamom Crop.

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water (l/h)	Waiting Period between last spray to harvest (In days)	Re-entry after each Application (In Hours)
		AI (g)	Formulation (ml)			
Grapes	Thrips & Flea beetle	12.5	250	500-1000	7	
Pomgranate	Thrips, fruit borer	0.002	500	500-100	5	-
Cardamom	Shoot & capsule borer and Thrips	20	400	1000	34	-
Cotton	Bollworms	25	500	500	21	
Tomoto	Fruit borer	15.0	300	500	5	
Paddy	Stem borer, Leaf Folder	12.5	250	500	15	
Brinjal	shoot & Fruit borer	15.0	300	500	5	
Okra	Fruit borer	15.0	300	500	5	
Chili	Thrips & Pod borer	25	500	500	5	
Soybean	stemfly, semilooper	15	300	500	31	

Direction of Use

Method of application and spray equipment: Apply as hight volume spray with a KJnapsack sprayer fitted with fine-mist nozzle or mist blower.

Time of Application

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Precaution

Avoid contace with skin, eyes and mouth during mixing and spraying. Wear protective clothing like apron, gloves, face shield and boots. Wash the affected areas before eating, drinking of smoking. Avoid contamination of environment and water. Avoid contact with treated area until the spray is fully dried.
The product is toxic to fish, aquatic invertebrates & honey bees thus may be avoided near aquaculture and active period of foraging of honey bee.

Symptoms Of Poisoning

Ingestion of lambada-cyhalothrin may product non-specdific symptoms such as nausea, vomiting abdominal pain, diarrhoea and allergic manifestations. If larger doses are ingested,k it may cause disturbace of the nervous system with tremors, atazia, weakness of limbs, convulsion, comma and death from respiratory depression. Skin contace may cause subjective sensation or tingling or numbness in the facial area. This effect normally result from unconscious transfer to the face from contaminated hands or gloves. This effect is transcient, lasting uypto 24 hours and there is not evidence of any long term or cumulative effects. Eye contace will cause irritation.

First Aid

Remove the patient from further exposure and wash contaminated skin with plenty of water and sap. If swalled, induct vomiting and perform gastric lavage, repeat till the fluid is clear. If eyes contamianted, flush with plenty of water.

Antidote

Perform gastric lavage, taking care to prevent aspiration of gastric contents. Treat symptomatically. Antihistamines may be applied, in case of manifestation of allergic symptoms.

Disposal Of Used Container

The empty containers should never be re-used and should be destroyed and buried in safe place. Dispose off packages or surplus material and washing in a safe manner so as to prevent environmental and water pollution.

Storage Conditions

Store in the original container away from food and animal feed in a separate room kept under lock and kety. Store in a cool dry, well built and well lit place of sufficient dimensions with good ventilation.

Chemical Composition:

Lambda-cyhalothrin	(a.i.)	4.9 % w/w
Polyalkylene glycol ether		0.26 % w/w
Dodecyl benzene sulphonic acid sodium salt		0.09 % w/w
Polymeric fatty ester		0.43 % w/w
Sodium lignosulphonate		0.22 % w/w
Hydrated aluminium magnesium silicate		1.44 % w/w
Tetrasodium pyrophosphate		0.06 % w/w
Xanthan gum		0.11 % w/w
Titanium dioxide		0.51 % w/w
Propylene glycol		0.04 % w/w
Polydimethyl siloxane		0.02 % w/w
Sulphuric acid		0.2 % w/w
1,2-benzisothiazol-3(2H)-one		0.49 % w/w
Ammonium hydroxide		0.11 % w/w
Aromatic hydrocarbon		2.86 % w/w
Polyurea		0.82 % w/w
Water		% Q.S.
	Total:	**100.000 % w/w**