

CIR-191775/2021-IMIDACLORPID + LAMBDA CYHALOTHRIN (SL) (429)-3929

IMIDACLORPID 6% + LAMBDA CYHALOTHRIN 4% SL

(Insecticide)

Imidacloprid 6% + Lambda cyhalothrin 4% SL is a systemic and contact insecticide containing 6% Imidacloprid and 4% Lambda cyhalothrin active ingredient along with adjuvant. It is recommended for control of stem borer, hipsa, plant hopper and gundhi bug in paddy crop at the rate of 300ml formulation per hectare in 500 liters water with a minimum per harvest interval (phi) of 10 days.

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water in water (liter)	Waiting Period between last spray to harvest days	Re-entry after each Application (In Hours)
		AI (gm)	Formulation (ml)			
Paddy	Stem Borer, Hipsa, Plant hopper and Gundhi Bug	18+12	300	500	10	-

Direction of Use

Crop : Paddy, Pre-Harvest Interval : 10 days

Weather condition : Clear without rain & high wind

Crop stage for application : After tillering at the start of panicle initiations stage on the first appearance of insect.

Application Techniques : Foliar Spray Method

Equipment type : Knapsack, high volume knapsack, power/battery operated sprayer, compression knapsack and foot sprayer.

Nozzle type : Hollow cone or cut nozzle. Dosage: Imidacloprid 6% + Lambda Cyhalothrin 4% SL @ 300ml/ha.

Instruction for mixing : Mix insecticide in still or low wind conditions. Stand upwind of the pesticide, Begin by filling the spray tank 1/3 to 1/2 full with clean water. NEVER put the insecticide in first and then top with water. Start agitating and then add the required quantity of chemical.

Continue agitating while filling the tank, Prevent overflow. Do not leave your tank unattended.

Application Timing : Apply insecticide during the early morning (before sunrise) or evening.

Frequency including maximum number of sprays : Maximum two spray at 15-20 days intervals.

Precautions to be taken to avoid harm to be beneficial insects like honey bees and natural enemies of pests shall be furnished : To protect pollinators, avoid spraying when flowers are in bloom. Apply insecticide during the evening or early morning when pollinators (bees) are less active. Identify the insect & target your application to specific areas where the insect is pest to reduce harm to nature enemies and pollinators.

Practices to be followed for usage of insecticide in confined areas, such as glasshouse, poly house etc : Not recommended for use in confined areas.

Time of Application

Apply insecticide during the early morning (before sunrise) or evening.

Precaution

1. Store the insecticide away from the reach of children, irresponsible persons and animals.
2. Read and follow all instructions given on the label and leaflet very carefully before use and show these to physician in case of accidental poisoning.
3. Use goggles, gloves and protective clothing while handling the insecticide. Insecticide should not come in contact with skin and eyes. Wear a face mask to avoid inhalation of the poison.
4. Do not eat, drink, smoke or chew tobacco while handling insecticide.
5. Call a physician immediately if any of the symptoms of poisoning appear in person who is handling or recently handled insecticide.

warning:

1. Not to be used on crops and pests other than those mentioned on the label and leaflet.
2. Not to be used for post-harvest treatments.
3. Destroy the container after use as specified on leaflet.

Symptoms Of Poisoning

Apathy, myatonia, tremor, difficult breathing, myospasms, nervousness, anxiety, headache, nausea, vomiting, diarrhea, cough, profuse watery salivation, eye irritation, burning and itching of eyes, lacrimation corner damage, periorbital edema, abdominal pain and cramps, gastritis, dizziness, burning sensation in the mouth, burning, itching, tingling or numbness of the face, skin irritation, allergies, airway irritation, rhinitis, sneezing, running nose and irritation, pulmonary edema and hypersensitivity pneumonitis, laryngitis, pharyngitis, wheezing, chest pain broncho spasm, unsteady gait, coarse tremor, sympathetic activation, increased extensor tone, moderate reflex hyperexcitability, ataxia, seizures, choreoathetosis, paresthesia, hyperglycemia, convulsion, coma and death.

First Aid

1. If ingested: If person is conscious and alert, rinse mouth with water and give 1 or 2 glasses of water or drink. Never give anything by mouth to an unconscious person. Call the doctor. Do not induce vomiting until and unless desired by attending physician.
2. If inhaled: Take the patient to fresh air and take care of body temperature. If patient is not breathing with difficulty, give artificial respiration preferably with mouth to mouth breathing. Consult a physician.
3. In case of eye contact: Rinse gently with plenty of water for at least 15 minutes. If pain, irritation, redness or photophobia persists, consult eye specialist.
4. In case of skin contact: Wash thoroughly the affected part of the body with soap and plenty of water including hairs and under fingernails. If pain, redness or irritation persists, consult a doctor. All the contaminated clothes should be segregated and thoroughly washed with soap and water separately before use.

Phytotoxicity

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Antidote

No specific antidote. treat symptomatically.

Disposal Of Used Container

1. Dispose packages or surplus materials and washing in a safe manner so as to prevent environmental or water pollution.
2. The packages shall be broken and buried away from habitation.
3. Take care to avoid environmental contamination.

Storage Conditions

1. Store in a cool and dry place. Room used for storage must be well built and ventilated and of sufficient dimensions to avoid contamination with vapour.
2. Store the insecticide in its original pack away from the reach of children, irresponsible persons and animals in a separate room under lock and key.
3. Animal feed should not be stored in room where the chemical is stored.
4. Do not use open fire/flame in the place of storage.

Chemical Composition:

Imidacloprid a.i.	6.00 % w/w
Lambda Cyhalothrin a.i.	4.00 % w/w
Polyvinyl Pyrrolidone	1.00 % w/w
Ethoxylated alkyl aryl phenol	8.00 % w/w
Dimethyl sulfoxide	36.00 % w/w
N-methyl pyrrolidone	Q.S. %

Total: 100.000 % w/w
