

Customer Care Details

Address: Rallis India Limited, IIIrd Block, IIInd Floor, KSCMF Ltd.,
Building, 8, Cunningham Road, Bangalore - 560052,
Email: kjsrivalli@rallis.co.in,
Contact No: 09810991089

Safety Pictograms:



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Caution: Not to Be Used on Crops Other Than Specified on This Label/Leaflet

Ethion 40% Cypermethrin 5% EC

(Systemic Insecticide)

Ethion 40% + Cypermethrin 5% EC is used for control of American bollworm on Cotton crop.

Chemical Composition:	Ingredient	%W/W
Cypermethrin Technical (based in 92% purity)	active ingredient	5.44 % w/w
Emulsifier A [(Polyethylene phenyl phenol derivative (styrenated phenol ethoxylate))]	other ingredient	6.0 % w/w
Emulsifier B (Calcium salt of alkyl aryl sulphonic acid)	other ingredient	4.0 % w/w
Ethion Technical (based on 95% purity)	active ingredient	42.11 % w/w
Solvent C-IX	other ingredient	42.45 % w/w
Total:		100.00% w/w

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water Dilution in water (litre)	Crop Stage	Re-entry Period	Pre Harvest	Frequency
		AI a.i. (g)	Formulation Formulation (mL)					
Cotton	American Bollworms (Heliothis)	Ethion : 400 Cypermethrin : 50	1000	500	Flowering to boll maturity stage.	48 hours of spraying.	15	1-2 foliar sprays depending on pest pressure.

Note:- -

Good Practices relating to pesticide application techniques

Direction of Use

Use recommended dose. Dilute the formulation in required quantity of water.

Weather Condition(in general):

Do not spray during rainy, windy and hot sunny period.

Soil & Water(where ever applicable):

This is foliar application combination product, so hardly have any relation to soil. Avoid using near aquaculture.

Crop Stage for application:

Flowering to boll maturity stage.

Application Technique

Foliar spray using high volume sprayers

Equipment Type:

-bucket sprayer, stirrup pump sprayer, foot sprayer, wheel barrow sprayer, compression knapsack battery sprayer, ASPEE HTP power sprayer etc.

NozzleType:

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Dosage:

1000 mL formulation/ha (Ethion: 400 g a.i./ha & Cypermethrin : 50 g a.i./ha) in 500 litres of water on Cotton.

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Instruction for Mixing:

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Re-entry Period

48 hours of spraying.

Manner and Time of Application

Foliar spray. As soon as appearance of the pests.

Application Timing

Should be applied preferably in the morning or evening hours.

Frequency

1-2 foliar sprays depending on pest pressure.

Stages during which pesticides should not be applied on any crop :

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Precautions to be taken to avoid harm to the beneficial insects like honey bees and natural enemies of pests :

1. the product also have shown to posses toxicity to bees & thus should be avoided during active foraging period of the day.
2. the product is known to posses toxicity to aquatic invertebrates & fish and as such may not be used in and around aquaculture.

Symptoms Of Poisoning

Nervousness, headache, sweating, nausea, vomiting, diarrhoea, tightness of chest, muscular twitching, constricted pupils & respiratory distress.itching, allergy like symptoms,sneezing, running nose irritation.

First Aid

1. If ingested : If person is conscious and alert, rinse mouth with water and give 1 or 2 glass of water to 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 or breathing with difficulty, give artificial respiration, preferably with mouth to mouth breathing. Consult a physician.
3. In case of skin contact : Wash thoroughly the affected part of 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.
4. 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.

Antidote

1. Atropine and PAM (Pralidoxime).
2. Atropine: 2-4 mg. intravenously and repeate after every 15 minutes until atropinization is achieved.
3. PAM (Pralidoxime)1-2 gm intravenously, infuse at the rate of not more than 0.2 g per minute.
4. Antidote requirements to be decided by medical practitioner as per the condition of the patient.

Phytotoxicity

Ethion 40% + Cypermethrin 5% EC is not phytotoxic when used as per recommendations.

Storage Conditions

1. The packages containing the insecticide shall be stored in separate rooms or premises away from the rooms or premises used for storing other articles particularly food articles or shall be kept in separate almirahs under lock and key depending on the quantity and the nature of the insecticide.
2. The store room should be well built, well lit, ventilated and sufficient in dimensions. The condition of the store should be dry and cool.

Safety Precaution:

Protective clothing should be worn while application. Wash contaminated clothes and body part after application. Avoid inhalation, do not smoke, drink, eat & chew anything during application.

Cautionary Statement:

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- 1. not to be used for any purpose other than subscribed on label & leaflets.**
- 2. destroy container after use as directed on leaflet.**
- 3. the product also have shown to posses toxicity to bees & thus should be avoided during active foraging period of the day.**
- 4. the product is known to posses toxicity to aquatic invertebrates & fish and as such may not be used in and around aquaculture.**
- 5. The product is toxic to birds and livestock.**

Disposal of used containers, washing from equipment and surplus material :

1. It shall be the duty of manufactures, formulators of insecticides and operators to dispose packages or surplus material and washings in a safe manner so as to prevent environmental or water pollution.
2. The used packages shall not be left outside to prevent their re-use.
3. The packages shall be broken and buried away from habitation.

Manufacturer Premises :

M/s Rallis India Limited, C-5/C-6, MIDC Industrial Area,Phase-III,
Shivani, Akola . 444 104, MAHARASTHRA
Karnataka

M/s Rallis India Limited, Plot No. 3301, GIDC Industrial Area, Dist.
Bharuch, Ankleshwar-393 002, GUJARAT
Karnataka

Rallis India Ltd Plot No. C44, Chemical Zone, Dahej Taluka-
Vagra, District- Bharuch - 392130, GUJARAT
Karnataka

Manufactured by

Rallis India Limited
Rallis India Limited, IIIrd Block, IIInd Floor, KSCMF Ltd., Building, 8,
Cunningham Road, Bangalore - 560052 Rallis India Limited
156/157, Nariman Bhavan, 15th Floor, 228, Nariman Point,
Mumbai - 400021 Bangalore Karnataka 560052

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