

CIR-181745/2021-Chlorpyrifos (GR) (428)-1198

Chlorpyrifos 10% GR

(Insecticide)

Chlorpyrifos 10% Granules is used to control for Rice insects which contains 10% Chlorpyrifos active ingredient.
 Caution : Toxic to aquatic organisms hence should not be used near water bodies, aquaculture or pisciculture. It is toxic to honeybees, spray application should be avoided during foraging period of bees. Product is highly toxic to birds hence avoid use near bird habitat.

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 (kg)			
Rice	Stem Borer, Leaf Roller, Gall midge	1000	10	-	30	

Direction of Use

P.P. Equipment:- Recommended dosage for granules should be broadcasted using hand operated granule applicator or mechanical dispenser. For application in Rice 2-3 cm standing water should be available in the field. Keep water impounded for 2-3 days after application.

Time of Application

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Precaution

1. Keep away from foodstuffs, empty foodstuff containers and animals food.
2. Avoid contact with mouth, eyes and skin.
3. Avoid inhalation while using.
4. Wash thoroughly the contaminated clothes and parts of the body after broadcasting.
5. Do not smoke, drink, eat and chew anything while broadcasting.
6. Wear full protective clothing while broadcasting.

Symptoms Of Poisoning

Headache, giddiness, vertigo, nausea, vomiting, blurred vision, diarrhoea, convulsions, sweating, excessive lacrimation, and salivation may occur.

First Aid

1. If swallowed, induce vomiting by tickling the back of throat. Repeat it until the vomitus is clear. Do not induce vomiting if the patient is unconscious.
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

1. Atropinize the patient immediately and maintain full atropinization by repeated doses of 2 to 4 mg. of atropine sulphate intravenously at 5 to 10 minutes interval. As much as 25 to 50 mg. of atropine may be required in a day. The need for further atropine administration is guided by the continuance of symptoms. Extent of salivation is a useful criterion for dose adjustment.
2. Dissolve 1-2 gm of 2 PAM in 10 ml distilled water and inject intravenously very slowly for 10-15 minutes.

Disposal Of Used Container

1. Empty containers shall be broken & buried away from habitation
2. The user should container or packages shall not be left outside to prevent their re-use
3. Packages or surplus material & washings should be disposed off in a safe manner as to prevent environmental or water pollution

Storage Conditions

1. The packages containing the material shall be stored in separate rooms or premises away from the room or premises for storing other articles or shall be kept in separate almirahs under lock key depending upon the quantity and nature of material.
2. The room or premises meant for storing the material shall be well built, dry well-lit, ventilated and of sufficient dimensions to avoid contamination with vapours

Chemical Composition:

chlorpyrifos a.i	10.000 % w/w
Solvent Aromax (Evaporated during manufacturing process)	2.000 % w/w
Inert granules (Bentonite) (850/420 microns)	Q.S. %
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Total:	100.000% w/w
