

CIR-181859/2021-Fipronil (GR) (428)-3770

Fipronil 0.3% G.R.

(Insecticide)

Fipronil 0.3% GR is a insecticide containing Fipronil 0.3% for control of rice pest complex and Early shoot borer & Root borer in Sugarcane and termite in wheat.

Recommendation

| <u>Crop(s)</u> | <u>Common Name of Pest</u> | <u>Dosage/HA</u> | | <u>Dilution in Water</u> | <u>Waiting Period between last spray to harvest</u> | <u>Re-entry after each Application (In Hours)</u> |
|----------------|---|------------------|-------------------------|--------------------------|---|---|
| | | <u>AI (gm)</u> | <u>Formulation (kg)</u> | | | |
| Sugarcane | Root borer, Early shoot borer | 75-100 | 25.0-33.3 | | 9 months | |
| Wheat | Termites | 0.06 | 20kg | ----- | 91 | |
| Rice | Green leaf hopper, Brown plant hopper, Stem borer, Rice Leaf Folder, Rice Gall Midge, White backed Plant hopper, Whorl maggot | 50-75 | 16.67-25.00 | | 32 days | |

Direction of Use

Method of Application and Equipment for use : Recommended dosage for granule should be broadcasted using operated granule applicator or mechanical dispenser application in Paddy, 2-3 cm standing water should be in the field and keep water impounded for 2-3 days after application.

Precaution

1. Keep away from foodstuffs, empty foodstuff containers and animals food.
2. Avoid contact with mouth, eyes and skin.
3. Avoid inhalation while in 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.

Warning :- Fipronil is toxic to aquatic animals & honey bee hence avoid the use near aquatic environment & during to rassing period of honey bee

Symptoms Of Poisoning

Irritability, lethargy, muscle tremors , convulsion 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 cloths 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

No specific antidote is known. Treat Symptomatically.

Disposal Of Used Container

1. It shall be the duty of manufactures formulators and operator to dispose packages or surplus materials and washings from the machine and container shall be disposed off in a safe manner so as to prevent environmental and water pollution.
2. The used packages shall not be left outside to prevent their re-use.
3. Packages shall be broken and burried away from habitation.

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 upon the nature of the insecticide. 2. The rooms or premises meant for storing the insecticides shall be well lit, well built, dry, cool, ventilated and of sufficient dimensions to avoid contamination with vapour.

Chemical Composition:

| | |
|----------------------------------|------------|
| Fipronil a.i. | 0.30 % w/w |
| Rhodamine dye | 0.20 % w/w |
| Binder (sodium Ligno sulphonate) | 5.00 % w/w |
| Carrier (sand) | Q.S % |
| <hr/> | |
| Total:100.00 % w/w | |
