

CIR-191768/2021-Imidacloprid (GR) (429)-3922

Imidacloprid 0.3% GR
(Systemic Insecticide)

It is a systemic soil application insecticide containing 0.3% GR Imidacloprid active ingredient.

Imidacloprid is used to control stem borer in paddy.

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water (Litre)	Waiting Period between last spray to harvest (Days)	Re-entry after each Application (In Hours)
		AI (kg)	Formulation (kg)			
Paddy	Stem Borer	0.045	15		26	

Direction of Use

Plant Protection Equipment:

Manually operated granule operator or by hand wearing rubber gloves.

Precaution

1. Keep away from foodstuffs, empty foodstuff containers and animal food.
2. Avoid contact with mouth, eyes and skin.
3. Avoid inhalation of the spray mist. Spray in the direction of the wind.
4. Wash thoroughly the contaminated clothes and parts of the body after spraying.
5. Do not smoke, drink, eat and chew anything while spraying.
6. Wear full protective clothing while mixing and spraying.

Symptoms Of Poisoning

Apathy, myatonia, tremor, difficult breathing, myospasms.

First Aid

If the product gets in to eyes, rinse it immediately with plenty of water. In case of poisoning measure blood pressure and pulse rate frequently, since bradycardia and drop in blood pressure may occur, artificial breathing and heart action are recommended. Eliminate the active ingredient through gastric lavage and saline laxatives.

Phytotoxicity

Non-phytotoxic when used as recommended.

Antidote

There is no specific antidote. Treat symptomatically.

Disposal Of Used Container

1. Packages or surplus materials and washings of insecticide and containers shall be disposed off in a safe manner so as to prevent environmental or water pollution.
2. The used package shall not be left outside to prevent their re-use.
3. Packages shall be broken and buried 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 quantity and nature of the insecticide.
2. The store rooms should be well lit, well built, ventilated and of sufficient in dimensions. The condition of the store should be dry and cool.

Chemical Composition:

Imidacloprid as a.i.	(Based on 48% aqueous soluble spray solution)	0.63 % w/w
Polyvinyl Alcohol (PVA)	(Binding Agent & Film forming or coating agent)	1.20 % w/w
Castor Oil Ethoxylate	(Wetting agent)	0.75 % w/w
Glycerol	(Plasticizer)	0.75 % w/w
Silica Sand 16-40 mesh	(Carrier)	96.67 % w/w
		Total: 100.000 % w/w
