

CIR-191770/2021-Imidacloprid (WS) (429)-3924

Imidacloprid 70% WS

(Systemic and Contact Insecticide)

It is a systemic insecticide containing imidacloprid active ingredient, balance auxiliaries and inert material. Imidacloprid 70% WS is a low toxicity, systematically acting insecticide with a broad spectrum of activity for controlling sucking insect such as Aphids, Jassid, Whitefly, Thrips, in cotton, Okra, Chillies and termite in sugarcane and mustard saw fly & painted bug in mustard. When handled properly according to good agricultural practices, It is suitable for use in INTEGRATED PEST MANAGEMENT.

Recommendation

*(Sett dip treatment with 0.10 to 0.150 kg of Gaucho 70 WS in 100 liter of water)

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/100 kg seed)	Formulation (kg/100 kg seed)			
*Sugarcane	Termite	0.07-0.105	0.1-0.15			
Cotton	Aphids, Whitefly, Jassids thrips	0.350-0.70	0.50-1.0			
Okra	Jassids, Aphids	0.35-0.70	0.50-1.0			
Chillies	Jassids, Aphids thrips	0.70-1.05	1.0-1.5			
Sunflower	Jassid, Whitefly	0.49	0.7			

Direction of Use

P.P. Equipment:- Manually/Mechanically operated seed dressing rotating drum.

Precaution

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

Symptoms Of Poisoning

Apathy, myotonia, tremor, difficult breathing, myospasms 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

No specific antidote is known. Treat Symptomatically.

Disposal Of Used Container

1. The packages shall be broken and buried away from habitation.
2. The used packages shall not be left outside to prevent their re - use.
3. Packages or surplus material and washings should be disposed off in safe manner so as to prevent environment or water pollution.

Storage Conditions

1. The Packages containing the insecticides shall be stored in separate rooms or premises, away from the rooms or premises used for storing other articles or shall be kept in separate almirahs under lock and key depending upon the quantity and nature of the insecticides.
2. The rooms or premises meant for storing the insecticides shall be well built, well lit, dry, well ventilated and of sufficient dimension to avoid contamination of air.

Chemical Composition:

Imidacloprid a.i.		70.00 % w/w
A mixture of	Azo colourant No. 1)	2.00 % w/w
azo-dyes (pigments)	Azo Colourant No. 2)	2.00 % w/w
Sodium lignosulfonate		5.00 % w/w
Wetting agent	Sodium dialkyl naphthalene sulfonate	3.50 % w/w
Dispersing agent	Alkyl polyglycol ether	1.50 % w/w
Sticking agent	Methyl hydroxyethyl cellulose	2.00 % w/w
Binding agent	Partly saponified polyvinyl alcohol	1.60 % w/w
Antifoaming agent	Polydimethyl siloxane derivative	1.50 % w/w
Precipitated Silica		4.00 % w/w
Kaolin		QS % w/w
Total:		100.000 % w/w
