

CIR-181822/2021-THIAMETHOXAM (SG) (428)-2755

THIAMETHOXAM 75% w/w SG
(Insecticide)

Thiamethoxam 75% w/w SG is a broad spectrum systemic insecticide, recommended for its use to control termites in Groundnut, Termite & Early shoot borer in sugarcane, Greenleaf hopper & brown plant hopper in rice and Jassids & thrips in cotton crop.

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water	Waiting Period between last spray to harvest	Re-entry after each Application (In Hours)
		AI	Formulation			
Cotton	Jassids & Thrips	94	125	50-100 ml/Plant	109	-
Sugarcane	Termite & Early shoot borer	120	160	500-1000	230	-
Rice	Green leaf hopper and Brown plant hopper	113	150	Dissolve in 500 ml water and mix with 20 kg sand/h	60	-
Groundnut	Termite	94	125	500-1000	57	-

Direction of Use

Direction for use in Groundnut, Sugarcane & cotton: Measure out required quantity of the product and mix it well with a small quantity of water. Add the remaining quantity of water as specified with thorough agitation and apply as soil drenching in crops.

Direction for use in Rice: Measure out required quantity of the product and dissolve in 500ml of water to make solution for mixing and broadcasting with sand @20 kg/ha.

Time of Application

It contain 750 g Thiamethoxam as an active ingredient in one kg of the product.

Precaution

Do not use cooking utensils for preparing solutions. Use sticks for stirring the solution. Wear gloves to avoid contact with the skin. Also avoid inhalation and contact with eyes. Wear protective clothing, mask, goggles, boots while preparing the solution. Do not blow nozzles with mouth. Do not eat, drink or smoke while handling or applying the product. Do not store unused solution. Clean sprayer, buckets and other utensils with water daily after use. Wash hands with soap and plenty of water and change clothes after the work is over. Also wash the contaminated clothes.

Do not allow drifting onto rivers, lakes, ponds ditches or other waterways. Do not allow discharging left over applied material or empty containers to contaminated waterways.

The product should not be applied during flowering of the crop. Do not use the product where bees are actively foraging.

Do not allow drift to flowering weeds, hedges or flowering crops in the vicinity of the treatment area. Do not apply if a high amount of aphids honeydew is present in the treatment area. Do not apply on flowering crops between 5 days before start of flowering and 5 days after flowering.

In case of any sign of poisoning immediately consult the doctor.

Symptoms Of Poisoning

Poisoning may cause symptoms of decrease in spontaneous movement, toxic to convulsion and ptosis.

First Aid

Remove the affected person from the danger zone to a well-ventilated rooms or to fresh air and protect from undercooling. In case of suspected poisoning: Immediately call a physician. In case of skin contact: remove contaminated clothing and thoroughly wash the affected parts of the body with soap and water. In case of eye contact: Rinse eyes with clean water for several minutes and immediately call a physician. In case of ingestion: Repeatedly administer medicinal charcoal in a large quantity of water. Note: Never give anything by mouth to an unconscious person. Do not induce vomiting.

Antidote

No specific antidote is known. Apply symptomatic therapy.

Disposal Of Used Container

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

Storage Conditions

1. The packages containing the insecticides should be stored in original container in separate rooms or premises away from the rooms or premises used for storing other articles, particularly, food or shall be kept in separate almirahs under lock and key.
2. The rooms or premises meant for storing the insecticides shall be well lit, dry, well lit and ventilated and of sufficient dimensions to avoid contamination with vapors.

Chemical Composition:

Thiamethoxam a.i.	75.0 % w/w
Wetting and dispersing agents:	%
Sodium N-methyl-N-oleoyl taurate	1.5 % w/w
Sodium alkyl naphthalene sulfonate	1.0 % w/w
Antifoam:	%
Silicone oil (polydimethylsiloxane)	0.5 % w/w
Carriers:	%
Urea, polymer with formaldehyde	0.5 % w/w

Starch	4.0 % w/w
Lactose anhydrous	Q.S. %
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Total: 100.000 % w/w	
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