

Thiamethoxam 1.0% w/w Chlorantraniliprole 0.5% w

(Systemic Insecticide)

Before applying the product, follow the instructions mentioned on label and leaflet.

Thiamethoxam 1.0%w/w + Chlorantraniliprole 0.5%w/w GR is granular insecticide recommended for its use to control pests in Paddy, Maize and Sugarcane crops.

Chemical Composition:	Ingredient	%W/W
1,2-benzisothiazol-3-one	Preservative	0.01% w/w
Chlorantraniliprole a.i.	active ingredient	0.50% w/w
DL-propanediol-(1,2)	Antifreeze	0.50% w/w
Heteropolysaccharides	Thickeners	0.02% w/w
Magnesium aluminium silicate dispersion	Thickeners	0.18 % w/w
Polydimethylsiloxane	Antifoaming agent	0.01% w/w
Potassium hydroxide	Buffers	0.005% w/w
Silicon dioxide	Carriers	Q.S
Sodium ligninsulfonate	Dispersing agents	0.05% w/w
Solution of an acrylic graft copolymer in water and propyleneglycole	Emulsifier	0.10% w/w
Sulfuric acid	Buffers	0.005% w/w
Thiamethoxam a.i.	active ingredient	1.00% w/w
Tristyrylphenol polyethoxyester phosphate	Dispersing agents	0.20% w/w
Water	Solvent	3.07% w/w
Total:		100.00% w/w

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water litre	Crop Stage	Re-entry Period	Pre Harvest	Frequency
		AI g ai	Formulation kg					
Sugarcane	Early shoot borer	150(TMX 100 ga.i.+ CTPR 50ga.i	10	Not Applicable	Granular application (one application) in furrow on setts at the time of planting and the setts to be covered with soil	Do not enter treated areas for 24 hours after application unless protective clothing (coverall and boots) is worn.	270	Granular application (one application) in furrow on setts at the time of planting and the setts to be covered with soil
Paddy	Stem borer, Leaf folder, Green Leaf Hopper, Brown Plant hopper	90 (TMX 60 gm a.i. + CTPR 30gmai	6	Not Applicable	Manual broadcast (One application only) at 20 days after transplanting of paddy crop	Do not enter treated areas for 24 hours after application unless protective clothing (coverall and boots) is worn.	60	Manual broadcast (One application only) at 20 days after transplanting of paddy crop
Maize	Aphids Stem borer	90 (TMX 60 gm a.i. + CTPR 30gmai	6	Not Applicable	Granular application (one application) at root zone manually at 15-20 days after sowing of Maize crop	Do not enter treated areas for 24 hours after application unless protective clothing (coverall and boots) is worn.	95	Granular application (one application) at root zone manually at 15-20 days after sowing of Maize crop

Note:-

Caution: Not to Be Used on Crops Other Than Specified on This Label/Leaflet "

Good Practices relating to pesticide application techniques

Direction of Use

Manual Broadcast / Granular Application

Weather Condition(in general):

Do not apply during the windy weather conditions or during hot hours of the day. Manual broadcast / Granular application should be done strictly with the wind to prevent its drift to adjacent areas. Do not underdose or overdose by overlapping applications or by lowering /

Soil & Water (where ever applicable):

Single application in soil / root zones as manual broadcast / granular application. Do not contaminate water used for irrigation or domestic purpose and water areas such as flowing or stagnant water, ponds, ditches, lakes, drainage systems, etc, by disposal of product waste, direct application / drift to adjacent areas.

Crop Stage for application:

Manual broadcast (One application only) at 20 days after transplanting of paddy crop

Application Technique

Manual Broadcast / Granular Application. Broadcast the granules as even as possible well before / at beginning of infestation.

Equipment Type:

NozzleType:

Dosage:

Given in the table above

Instruction for Mixing:

Re-entry Period

Do not enter treated areas for 24 hours after application unless protective clothing (coverall and boots) is worn.

Manner and Time of Application

Application Timing

~Paddy - Manual broadcast (One application only) at 20 days after transplanting of paddy crop.

~Maize - Granular application (one application) at root zone manually at 15-20 days after sowing of Maize crop

~Sugarcane - Granular application (one application) in furrow on setts at the time of planting and the setts to be covered with soil.

Frequency

Manual broadcast (One application only) at 20 days after transplanting of paddy crop

Stages during which pesticides should not be applied on any crop :

Precautions to be taken to avoid harm to the beneficial insects like honey bees and natural enemies of pests :

1. Intoxicated for fish and other aquatic animals. Therefore, should not be used near aquaculture.
2. Toxic to bees. Therefore, bees should not be used during the active foraging period

Symptoms Of Poisoning

Lack of coordination, tremors and dilation of pupil, poisoning may cause symptoms of decrease in spontaneous movement, toxic convulsion and ptosis, lethargy, dullness, nasal secretion and cloudy eyes.

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First Aid

If ingested: if person is conscious and alert, rinse mouth with water and give 1 or 2 glass of water to drink. Never give anything by mouth to an unconscious person. Call the doctor. Do not induced vomiting until and unless desired by attending physician.

If inhaled: Take the patient to fresh air and take care of body temperature. If patient is not breathing or breathing with difficulty, give artificial respiration, Consult a physician.

In case of skin contact: Wash thoroughly the affected part of body with soap and plenty of water including hairs and under fingernails. If pain, redness or irritation persists, consult a doctor. All contaminated clothes should be segregated and thoroughly washed with soap and water separately before use.

In case of eye contact: Rinse gently with plenty of water at least for 15 minutes. If pain, irritation, redness or photophobia persists. Consult eye specialist

Antidote

No specific antidote, symptomatic and supportive therapy

Phytotoxicity

Non phytotoxic

Storage Conditions

1. The packages containing the insecticides should be tightly closed, stored in original containers in separate rooms or premises away from the rooms or premises used for storing other articles particularly articles of food and animal feed or shall be kept in separate almirahs under lock and key, away from children, unauthorized persons and animals.

2. The rooms or premises meant for storing the insecticide shall be well built, dry, well lit and ventilated and of sufficient dimension to avoid contamination with vapor. Keep away from direct sunlight.

3. Do not allow product to freeze.

Safety Precaution:

During manual broadcasting/granular application, wear hand gloves and face shield to avoid contact / prevent any splashes with skin, eyes, mouth and clothing. Avoid inhalation during application, if any. Wear protective clothing (full sleeve shirt and pants), chemical resistant gloves, mask, goggles, cap/hat and boots while handling and applying the product. Do not eat, drink or smoke while applying the product. Wash hands with soap and plenty of water and change clothes after the work is over. Avoid contamination of air and water bodies with the insecticide. Clean protective equipment and wash the contaminated clothes before re-use. Newly treated areas must not be grazed and all livestock is to be kept out during and 24 hours after the application. This product should not be applied (tank . Mix) with any other chemical. Do not apply when crops are under stress. If any indisposition occurs, stop the work, follow first aid measures and call a physician immediately. Spilt product must not be re-used. Remove heavily contaminated soil layer, collect up spilt material thoroughly and bury it in a safe place. Rinse spilt area with plenty of water. Run-off in to surface water to be avoided. In case of any sign of poisoning, immediately consult the doctor.

Cautionary Statement:

1. not to be used for any purpose other than those subscribed on labels & leaflets.

2. do not use in those paddy fields, wherein irrigated water is leaking from field to adjacent or other areas. run-off to surface water to be avoided.

3. highly toxic to honeybees and other pollinators: thus its use should be avoided during active foraging period of honeybees. do not apply on flowering crops between 5 days before start of flowering and end of flowering. do not allow drift to flowering weeds, hedges or flowering crops in the vicinity of the treatment area.

4. use with care to avoid air/dust contamination of the cropping area. do not apply if a high amount of honeydew is present in the treatment area.

5. toxic to aquatic invertebrates; hence its use should be avoided near aquaculture including fishes, shrimps and other crustaceans grown in paddy fields.

Disposal of used containers, washing from equipment and surplus material :

1. It shall be the duty of manufacturers, formulators of insecticides and operators to dispose packages or surplus materials and washing in a safe manner so as to prevent environmental or water pollution.

2. The used packages shall not be left outside to prevent their re-use.

3. The packages shall be broken and buried away from habitation.

Manufacturer Premises :

Plot No. 1, Swastik Ceramic Compound, AT & PO Sankarda,
District Baroda, Gujarat
Maharashtra

Syngenta India Limited, Santa Monica Works, Corlim, Ilhas, Goa
Maharashtra

Unit II, Plot No. 155/1, GIDC Estate, Ankaleshwar, District-
Bharuch, Gujarat
Maharashtra

Manufactured by

Syngenta India Limited
Syngenta India Limited, Amar Paradigm, S.No. 110/11/3, Baner
Road, Pune- 411 045 Pune Maharashtra

Caution: Not to Be Used on Crops Other Than Specified on This Label/Leaflet "

Village Nimbua, Tehsil Dera Bassi, District SAS Nagar (Mohali),
Punjab - 140201.
Maharashtra

Customer Care Details:

Safety Pictograms:



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Please refer leaflet for details

Antidote

No specific antidote, symptomatic and supportive therapy

Manufactured by

Syngenta India Limited
Syngenta India Limited, Amar Paradigm, S.No. 110/11/3, Baner
Road, Pune- 411 045 Pune Maharashtra

Premises Address

(1). Syngenta India Limited, Santa Monica Works, Corlim, Ilhas,
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District Baroda, Gujarat
Gujarat

(4). Village Nimbua, Tehsil Dera Bassi, District SAS Nagar
(Mohali), Punjab . 140201.
Punjab

Customer Care Details

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Safety Pictograms:



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Silicon dioxide	Carriers	Q.S
Solution of an acrylic graft copolymer in water and propyleneglycole	Emulsifier	0.10% w/w
DL-propanediol-(1,2)	Antifreeze	0.50% w/w
Heteropolysaccharide S	Thickeners	0.02% w/w
1,2-benzisothiazol-3-one	Preservative	0.01% w/w
Sodium ligninsulfonate	Dispersing agents	0.05% w/w
Polydimethylsiloxane	Antifoaming agent	0.01% w/w
Thiamethoxam a.i.	active ingredient	1.00% w/w
Chlorantraniliprole a.i.	active ingredient	0.50% w/w
Total:100.00%		

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