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Note:-

q@3™ - µw -«

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° ¼ ... œ ... μ ... »



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

Thiamethoxam 70% WS

(Systemic Insecticide)

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

Thiamethoxam 70%WS, a broad-spectrum systemic seed treatment insecticide having quick contact and stomach activity and is recommended for controlling pests in Cotton, Okra, Tomato, Maize, Rice, Sunflower and Wheat crop.

Chemical Composition:	Ingredient	%W/W
Calcium Carbonate	Filler	Q. S
Ethylene oxide . Propylene oxide co polymer	Dispersing & Wetting Agent	5.0% w/w
Irgalith Red 2CB (Pigment)	Dye stuff	2.0% w/w
Polydimethyl siloxane	Antifoaming Agent	1.0% w/w
Polyethylene glycol 8000-S	Coating Agent	5.0% w/w
Sodium Lignosulfonate	Dispersing & Wetting Agent	5.0% w/w
Thiamethoxam a.i	active ingredient	70.0% w/w
Total:		100.00% w/w

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water ml per kg seed	Crop Stage	Re-entry Period	Pre Harvest	Frequency
		AI g ai/100 kg seed	Formulation g / 100 kg seed					
Cotton	Jassids, Aphids, Thrips & Whiteflies	300	430	10-20 ml	Single application by seed treatment before sowing.	Not applicable as this insecticide is to be used only once as seed treatment only (not for foliar spray), hence re-entry period is not applicable.	Not applicable	Single application by seed treatment before sowing. Maximum number of application is one.
Wheat	Termites & Aphids	121	175	10-20 ml	Single application by seed treatment before sowing.	Not applicable as this insecticide is to be used only once as seed treatment only (not for foliar spray), hence re-entry period is not applicable	Not applicable	Single application by seed treatment before sowing. Maximum number of application is one.
Tomato	Aphids & Thrips	420	600	10-20 ml	Single application by seed treatment before sowing.	Not applicable as this insecticide is to be used only once as seed treatment only (not for foliar spray), hence re-entry period is not applicable.	Not applicable	Single application by seed treatment before sowing. Maximum number of application is one.
Rice	Thrips & Green Leaf Hopper	105	150	10-20 ml	Single application by seed treatment before sowing.	Not applicable as this insecticide is to be used only once as seed treatment only (not for foliar spray), hence re-entry period is not applicable	Not applicable	Single application by seed treatment before sowing. Maximum number of application is one.

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Okra	Aphids & Jassids	200	286	10-20 ml	Single application by seed treatment before sowing.	Not applicable as this insecticide is to be used only once as seed treatment only (not for foliar spray), hence re-entry period is not applicable.	Not applicable	Single application by seed treatment before sowing. Maximum number of application is one.
Maize	Shoot fly & Aphids	245	350	10-20 ml	Single application by seed treatment before sowing.	Not applicable as this insecticide is to be used only once as seed treatment only (not for foliar spray), hence re-entry period is not applicable	Not applicable	Single application by seed treatment before sowing. Maximum number of application is one.
Sunflower	Jassids & Thrips	280	400	10-20 ml	Single application by seed treatment before sowing.	Not applicable as this insecticide is to be used only once as seed treatment only (not for foliar spray), hence re-entry period is not applicable	Not applicable	Single application by seed treatment before sowing. Maximum number of application is one.

Note:-

Good Practices relating to pesticide application techniques

Direction of Use

For small lots, mix the required quantity of Thiamethoxam 70 WS with 10-20 ml of water for each kg of seed to be treated. Add the slurry to the seed and rotate or stir the container (plastic drum or bag) until the seeds are uniformly covered (usually less than a minute).

Thiamethoxam 70 WS is recommended for application as slurry with continuously operating commercial seed dressing equipment. For preparation of slurry, proceed as follows:

1. Partially fill the mixing tank with water.
2. Add the required quantity of Thiamethoxam 70 WS on to the water surface.
3. Allow the product to disperse.
4. Switch the agitation system or stir manually.
5. Top up with the remaining volume of water.
6. Maintain agitation of the slurry during the whole time of use.
7. The slurry has to be used within 24 hours after preparation.

Weather Condition(in general):

Do not apply / do not make seed treatment slurry during the windy weather conditions or during hot hours of the day. Do not underdose or overdose by lowering / exceeding the recommended rate.

Soil & Water(whenever applicable):

This insecticide is not directly applied in soil (comes in contact with soil only through seed treatment initially). 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 or by cleaning contains, contaminated buckets etc in them.

Crop Stage for application:

Single application by seed treatment before sowing.

Application Technique

1. Prepare the slurry as described under column % instructions for Mixing+É
2. Fill the seed into the receptacle.
3. Start mixing the seed.
4. Apply the required amount of slurry by pouring onto the mixing seed.
5. Mix for about 30 seconds to one minute to achieve a homogenous treatment. An extended mixing will lead to abrasion and dust forming.

Equipment Type:

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NozzleType:

=

Dosage:

Given in the table below

Instruction for Mixing:

-

Re-entry Period

Not applicable as this insecticide is to be used only once as seed treatment only (not for foliar spray), hence re-entry period is not applicable.

Manner and Time of Application

Do not spray against wind

Application Timing

Single application by seed treatment before sowing.

Frequency

Single application by seed treatment before sowing. Maximum number of application is one.

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

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

-

Symptoms Of Poisoning

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

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 for15 minutes. If pain, irritation, redness or photophobia persists. Consult eye specialist

Antidote

No specific antidote is known. Apply symptomatic 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.

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Safety Precaution:

Do not use cooking utensils for preparing slurry. Use wooden stick for stirring the slurry solution. Avoid any contact of skin, eyes or clothing with slurry solution. Do not breath vapour, if any due to application of slurry solution. Do not eat, drink or smoke while handling the product, wash hands and face before doing so. If any indisposition occurs, stop work, follow first aid measures and call a physician. Wear always protective clothing to cover full body (full sleeve shirts and pants), chemical resistant gloves, eye protection (goggles), boots/covered shoes during mixing/handling, application and handling of product and treating seeds, etc. Change working clothes and wash hands and face thoroughly immediately after handling the product. Thoroughly clean protective gear. Thoroughly clean contaminated equipment with soap or soda solution. If contamination occurs with concentrate or slurry, immediately wash skin thoroughly, flush eyes for at least 15 minutes with abundant fresh water, and remove contaminated clothing. Seed treatment should be done in a well- ventilated area. Spilt product must not be re-used. Rinse spilt area with plenty of water. Remove heavily contaminated soils layers, collect up spilt matters thoroughly and bury it in a safe place. Do not store unused / left over slurry solution. Newly treated areas must not be grazed and all livestock is to be kept out.

Cautionary Statement:

- 1. not to be used for any purpose other than those subscribed on labels & leaflets.**
- 2. toxic to bees and other pollinators. the use of this insecticide as seed treatment will not damage bees and other pollinators if use/label recommendations are followed.**
- 3.Í use with care to avoid air/dust contaminations of cropping area.Í**
- 4. care must be taken to avoid drift onto adjacent areas. do not plant treated seeds in case of strong wind.**
- 5. when opening the seed bags or during filling or emptying of the drilling machine work up-wind to avoid dust exposure.**
- 6. when using a pneumatic vacuum drilling machine, the machine airflow with dust from treated seeds should be directed to the surface or into the soil, e.g. using deflectors.**

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

1. It shall be the duty of manufactures, formulators of insecticides and operators to dispose packages or surplus material and washings 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

Customer Care Details:

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

Safety Pictograms:



Caution:Í Not to Be Used on Crops Other Than Specified on This Label/LeafletÍ

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

(2). Syngenta India Limited, Santa Monica Works, Corlim, Ilhas,
Goa
Goa

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

Customer Care Details

Address: Syngenta India Limited, Amar Paradigm, S.No. 110/11/3,
Baner Road, Pune- 411 045,
Email: Rajesh.Dhawan@syngenta.com,
Contact No: 011-71010212

Safety Pictograms:



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p² μ - Rajesh.Dhawan@syngenta.com,

Contact No: 011-71010212

Total: 100.00%

Safety Precautions, Symptom of Poisoning and First Aid: Please refer leaflet for details.

Antidote Statement:

no specific antidote is known. apply symptomatic therapy.

Cautionary statement:

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2. toxic to bees and other pollinators. the use of this insecticide as seed treatment will not damage bees and other pollinators if use/label recommendations are followed.
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6. when using a pneumatic vacuum drilling machine, the machine airflow with dust from treated seeds should be directed to the surface or into the soil, e.g. using deflectors.

Manufactured by

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

Premises Address

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(2). Syngenta India Limited, Santa Monica Works, Corlim, Ilhas, Goa
(3). Unit II, Plot No. 155/1, GIDC Estate, Ankaleshwar, District- Bharuch, Gujarat

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Customer Care Details

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Safety Pictograms:



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