

Pymetrozine 50% WG

(Systemic Insecticide)

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

Pymetrozine 50% WG is a systemic insecticide; and is recommended for the control of brown plant hopper in rice. Foliar pests not directly hit by the spray are also controlled by Pymetrozine 50%WG. Pests stop feeding and die gradually after coming in contact with its spray.

Chemical Composition:	Ingredient	%W/W
Lignosulfonic acid sodium salt	Wetting and dispersing agents	10.00 % w/w
Mixture of isomers of dibutyl naphthalene sulfonic acid sodium salt	Wetting and dispersing agents	5.00 % w/w
Polydimethylsiloxane	Antifoaming agents	0.20 % w/w
Pymetrozine	a.i	50.00% w/w
Silicium oxide	Carriers	QS
Sodium sulphate	Carriers	5.00 % w/w
Urea, polymer with formaldehyde	Carriers	10.00 % 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 g					
Rice	Brown plant hopper	150	300	500	The first spray to be given at the time of initial pest infestation i.e. pest reaching Economic Threshold Level (ETL) and repeat if necessary at 10-15 days interval depending upon pest pressure.	Do not enter treated areas for 24 hours after each spray.	19	The first spray to be given at the time of initial pest infestation i.e. pest reaching Economic Threshold Level (ETL) and repeat if necessary at 10-15 days interval depending upon pest pressure. Maximum number of sprays in a crop season are two.

Note:-

Good Practices relating to pesticide application techniques

Direction of Use

Measure out the 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. Adjust the quantity of product in proportion to the water required to cover a hectare and apply (maximum two applications per crop season) by knapsack sprayer or any other suitable sprayer.

Weather Condition(in general):

Do not spray during the windy weather conditions or during hot hours of the day, if the foliage is wet or if rain is imminent. Spray strictly in the direction of wind to prevent prolonged or repeated exposure to the spray mist. Do not underdose and overdose by overlapping applications

~~Soil & Water (where ever applicable).~~

This is not a soil applied insecticide hence, not applicable. Do not contaminate water used for irrigation or domestic purpose and water areas viz. ponds, ditches, lakes, drainage systems, etc, by disposal of product waste and do not allow direct over spray or spray drift of product on to these areas to avoid long term adverse effect in the aquatic environment.

Crop Stage for application:

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

The first spray to be given at the time of initial pest infestation i.e. pest reaching Economic Threshold Level (ETL) and repeat if necessary at 10-15 days interval depending upon pest pressure.

Application Technique

Foliar spray with sufficient quantity of water to ensure uniform coverage on leaves.

Equipment Type:

Knapsack sprayer

NozzleType:

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Dosage:

Given in the table above

Instruction for Mixing:

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Re-entry Period

Do not enter treated areas for 24 hours after each spray.

Manner and Time of Application

Avoid application in afternoon hours. Ideal timing for application is morning and evening hours.
Do not spray against wind

Application Timing

The first spray to be given at the time of initial pest infestation i.e. pest reaching Economic Threshold Level (ETL) and repeat if necessary at 10-15 days interval depending upon pest pressure.

Frequency

The first spray to be given at the time of initial pest infestation i.e. pest reaching Economic Threshold Level (ETL) and repeat if necessary at 10-15 days interval depending upon pest pressure. Maximum number of sprays in a crop season are two.

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 :

It is toxic to fish and other aquatic organisms, hence should not be used near aquaculture
do not spray during active bee-foraging period of the day.

Symptoms Of Poisoning

The symptoms of poisoning may be irritation of eyes, skin and respiratory tract, hypoactivity, lacrimation, dyspnea, soft stool, red stained urine, tremors, hypothermic to touch, erythema, etc.

First Aid

If poisoning or any indisposition is suspected. Stop work immediately and call a physician. Show label to the physician. Remove the affected person from danger zone to a well-ventilated room or to fresh air.

If Ingested: Get the attention of medical doctor immediately. Never give anything by mouth to an unconscious patient and never induce vomiting. Rinse the mouth with water and give one or two glass of water to drink if conscious and alert.

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, preferably with mouth to mouth breathing. Consult a physician.

In case of skin contact: Affected parts of body e.g. finger, nails, etc should be washed with soap and water. All the contaminated clothes should be segregated and thoroughly washed with soap and water separately before use. If skin irritation persists, consult a doctor.

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

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No specific antidote is known. Apply symptomatic therapy.

Phytotoxicity

Non phytotoxic

Storage Conditions

1. The package containing the insecticide shall 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, drink and animal feeding stuff or shall be kept in separate almirahs under lock and key.
2. The rooms or premises meant for storing the insecticide shall be well built, dry, well-lit and ventilated and sufficient dimension to avoid contamination with vapour.
3. Keep out of reach of children and other unauthorized persons and animals. Insecticide should be kept away from heat, open flame and from direct sunlight and damp.
4. Do not allow the product to freeze.

Safety Precaution:

Do not use cooking utensils for preparing the spray solution. Use wooden stick for stirring the spray solution. Avoid contact of product concentrate or spray mixture with skin, eyes, mouth and clothing. Avoid inhalation of fog, vapors or spray mist. Wear protective clothing (full sleeve shirt and pants), chemical resistant gloves, mask, goggles, cap/hat and boots while handling the product. Do not eat, drink, chew or smoke while applying the product. Wash hands with soap and plenty of water, clean protective equipment and change clothes after the work is over. Avoid contamination of air and water bodies with the insecticide. Also wash the contaminated clothes separately from other clothing before re-use. Newly treated areas must not be grazed and all livestock is to be kept out until the treated area is dry. This product should not be applied (tank . Mix) with any other chemical. Do not blow nozzle with mouth. Do not spray crops under stress. This product is not applicable for soil use. Do not mix with other chemicals. 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. Toxic to fish and other aquatic organisms, hence, should not be used near aquaculture.**

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

Imported and Repacked by

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

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:



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

Syngenta India Limited
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Road, Pune- 411 045 Pune Maharashtra

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Antidote

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