

CIR-181855/2021-Fipronil (WG) (428)-3768

Fipronil 80% WG

(Insecticide)

Fipronil 80% w/w WG formulation contains 800 g Fipronil active ingredient per kg of formulation, Fipronil is an insecticides used as a foliar spray for the control of stem borer and leaf folder in Rice, thrips in Grapes, thrips in Onion & Cotton and thrips on Chilli.

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water liter	Waiting Period between last spray to harvest days	Re-entry after each Application (In Hours)
		AI (g)	Formulation (g)			
Grape	Thrips	40-50	50-62.5	750-1000	20	
Cotton	Thrips	60	75	375-500	14	
Rice	Stem borer, Leaf folder	40-50	50-62.5	375-500	15	
Cabbage	Diamond back moth	75	93.75	500	15	
Onion	Thrips	60	75	500	15	
Chilli	Thrips	40-50	50-62.5	500	5	-

Direction of Use

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Time of Application

Give first spray as soon as incidence of stem borer (appearance of dead hearts) and leaf folder (appearance of white stripes on leaves) start and 1-2 more sprays depending upon severity of the incidence.

Precaution

Caution: Do not use the product near the areas of Bee-Keeping.

Plant Protection Equipment: Hand operated Knapsack sprayer is recommended. Hollow cone or Triple action nozzle can be used.

Precautions: Do not smoke or chew pan or tobacco while handling this product. Wash exposed body parts with soap and water after handling and before eating drinking & smoking. Avoid application on blossoming Onion.

Symptoms Of Poisoning

Symptoms: Mainly consists of irritability, lethargy, muscle tremors and in extreme case possibly convulsions may occur. Fipronil is reversible GABA receptor inhibitor and these symptoms are reversible after termination of exposure.

First Aid

If the chemical is inhaled get the victim into fresh air immediately, if breathing is stopped apply artificial respiration. Induce vomiting if swallowed by tickling at the back of the throat with the finger. Flush the eye with plenty of cold water. Wash the contaminated skin with plenty of soap and water. Get medical attention.

Phytotoxicity

Non-phytotoxic when used as recommended

Antidote

No specific antidote is known. Give symptomatic treatment.

Disposal Of Used Container

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

Storage Conditions

1. The packages containing insecticides shall be stored in separate room or premises, away from the rooms or premises used for storing other articles or shall be kept in separate rooms/ almirahs under lock and key depending upon the nature and quality of the insecticide.
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 with vapour/air.
3. Avoid application on Blossoming onion

Chemical Composition:

Fipronil	active ingredient	80.00 % w/w
Sodium Polycarboxilate		2.90 % w/w
Sodium dioctyl sulfosuccinate 85%		1.90 % w/w
Silicon Oil emulsion		0.30 % w/w
Sodium lignosulphonate		Q.S. %
		Total: 100.000 % w/w
