

CIR-190035/2021-AZOXYSTROBIN + CHLOROTHALONIL (SC) (430)-1894

AZOXYSTROBIN 4.8% w/w + CHLOROTHALONIL 40.0% w/w SC

(Broad Spectrum Systemic Fungicide)

Azoxystrobin 4.8% w/w + Chlorothalonil 40.0% w/w sc is a broad-spectrum foliar fungicide having systemic and contact activity against major plant pathogens. It is recommended for the control of downy mildew, leaf spot & powdery mildew of Cucumber downy mildew & leaf spot of Cauliflower and downy mildew, leaf spot & powdery mildew of Watermelon crops.

Warning :-

The product has toxicity against fishes and aquatic organisms and therefore should be avoided in or around aquaculture. Do not contaminate water used for irrigation or domestic purpose and water areas, such as ponds, ditches, lakes drainage systems etc by disposal of product waste and do not allow drift of product onto these areas to avoid long term adverse effect in the aquatic environment. newly treated areas must not be grazed and all live stock is to be kept out.

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water (L/ha)	Waiting Period between last spray to harvest (days)	Re-entry after each Application (In Hours)
		AI (gm)	Formulation (ml)			
Cucumber	Downy Mildew, Leaf spot & Powdery Mildew	1.344 (0.144+1.2)	3	500	3	-
Cauliflower	Downy Mildew & Leaf spot	1.344 (0.144+1.2)	3	500	3	-
Watermelon	Downy Mildew, Leaf spot & Powdery Mildew	1.344 (0.144+1.2)	3	500	5	-

Direction of Use

Before applying the product, read the label & leaflet carefully. 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 by a suitable sprayer e.g.knapsack sprayer.

Time of Application

Foliar spray with knapsack sprayer fitted with hollow cone nozzle. First application at start of initial disease infection, followed by 1-2 application at 10-15 days intervals depending upon disease pressure. Do not spray more than three applications during one crop season.

Precaution

Do not use cooking utensils for preparing the spray solution. Use stick for stirring the spray solution. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapors and eye contact. Wear chemical resistant hand gloves to avoid contact with the skin. Wear protective clothing including long trousers and full length sleeves shirts, goggles and boots or covered shoes while handling the product and avoid drifting. do not eat, drink or smoke while applying the product. do not blow nozzle with mouth. Wash hands with soap and plenty of water and change working clothes daily after the work is over. If contamination occurs with concentrate or spray mixture, clothes daily after the work is over. If contamination occurs with concentrate or spray mixture, immediately wash skin thoroughly, flush eyes for at least 15 minutes with abundant fresh water, remove contaminated clothing. After use, thoroughly clean protective equipment and wash entire body and change clothing. Wash contaminated clothing separately from other clothing before re-use. May cause skin sensitization following skin contact.

Symptoms Of Poisoning

Poisoning may cause symptoms of nausea, vomiting, diarrhea and abdominal pain, weakness, hypoactivity, dizziness, ataxia, muscle tremor, rhinorrhea, and labored respiration etc.

First Aid

Skin contact: Remove contaminated clothing and thoroughly wash the affected parts of the body with water followed by soap and water including hair and under fingernails. Such action is essential to minimize contact with skin. Keep warm and at rest. Inhalation: Remove the affected person from the danger zone to a well-ventilated room or to fresh air, and protect from under cooling. In case of suspected poisoning: Seek medical advice immediately. Eye contact: Immediately irrigate with eye wash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain immediate medical attention. If swallowed: Repeatedly administer medical charcoal in plenty of water. seek medical advice if a large volume of concentrate was ingested. Wash out mouth with water, if the patient is conscious. Note: Never give anything by mouth to an unconscious patient and do not induce vomiting.

Phytotoxicity

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Antidote

No specific antidote is known treat symptomatically.

Disposal Of Used Container

1. Packages or surplus materials and washing from the machines and containers should be disposed off in a safe manner as to prevent environmental and water pollution.
2. The used packages shall not be left outside to prevent their re-use.
3. Packages shall be broken and buried away from habitation.
4. Do not re-use empty containers for any other purpose.

Storage Conditions

1. The package containing the fungicide shall be stored in separate rooms or premises away from the rooms or premises used for storing other articles particularly articles of food or shall be kept in separate almirahs under lock and key depending upon the quantity and nature of the fungicide.
2. The rooms or premises meant for storing the fungicide shall be well built, dry, well-lit and ventilated and sufficient dimension to avoid contamination with vapour. Keep away from direct sunlight.
3. Keep out of reach of children and other unauthorized persons and animals.

Chemical Composition:

Azoxystrobin a.i	4.8 % w/w
Chlorothalonil a.i.	40.0 % w/w
Dispersing Agent:	%
Tristyrylphenoethoxylate, phosphate, K-salt	5.0 % w/w
Napthalenesulfonic acid, sodium salt condensed with formaldehyde	0.4 % w/w
Antifoaming Agent:	%
Polydimethylsiloxane	0.04 % w/w
Dimethylsiloxane	0.02 % w/w
Antifreeze:	%
DL-propanedil1-(1,2)	5.0 % w/w
Preservative:	%
1,2-benzisothiazolin-3-one (as 20% soln.)	0.12 % w/w
Thickner:	%
Linear polysaccharide	0.16 % w/w
Solvent:	%
Water	Q.S. %

Total: 100.000 % w/w
