

CIR-181835/2021-Hexaconazole (SC) (428)-1655

Hexaconazole 2% SC

(Systemic Fungicide)

Hexaconazole 2 % SC is a systemic fungicide used for the control of powdery mildew & fruit rot of chillies, early & late blight of potato and powdery mildew & downy mildew of Grapes.

Caution :- Do not spray if there is a possibility of harming bees and fish, live stock, game, wild birds and animals.

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water (Litre)	Waiting Period between last spray to harvest from last spray (in days)	Re-entry after each Application (In Hours)
		AI (g)	Formulation (litre)			
Grapes	Powdery mildew & Downy mildew	30-60	1.5-3.00	500-750 Depending upon crop canopy	14	
Potato	Early blight & late Blight	60	3	500	21	
Chillies	Powdery mildew & Fruit rot	60	3	500	7	

Direction of Use

i) Preparation of Spray Mixture: Take the required quantity of Hexaconazole 2 % SC, dilute with a little water and stir well using a stick. Then add the remaining quantity of water as per spray volume required and mix well again by stirring. Plant Protection Equipment: Use Knapsack sprayer, foot sprayer, compression knapsack sprayer, compression knapsack battery sprayer or ASPEE-HIP sprayer.

Time of Application

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Precaution

1. Avoid inhalation and skin contact while dilution because of spillage's or splashes. Do not mix with bare hands. 2. The user should use full protective clothing which includes rubber gloves, rubber boots. Face should be covered with dust mask or respirator and an overall or rubber apron hood or hat. 3. Use in high concentration with low and ultra Low volume application equipment is dangerous and should be avoided; Limitation and Cautions for use:- Do not use in those situations if there is possibility of harming bees and fish, livestock, game, wild birds and animals.

Symptoms Of Poisoning

Nervousness, anxiety tremour, convulsions and allergic manifestations.

First Aid

1. If ingested induce vomiting by tickling and back of the throat till the vomit is clear. 2. Wast contaminated skin and clothes and wash eyes with plenty of clean water. If inhaled, remove the patient into open air.

Phytotoxicity

Hexaconazole 2 % SC is not phytotoxic when used as per recommendations.

COMPATIBILITY: Hexaconazole 2 % SC is compatible with the commonly used insecticides and fungicides.

Antidote

If ingested, give gastric lavage with care to prevent aspiration. Treat symptomatically.

Disposal Of Used Container

1. Packages or surplus material and washing from the machine and containers shall be disposed off in a safe manner so as to prevent environmental and water. 2. The used packages shall not be left aside to prevent their re-use. 3. Packages shall be broken and buried away from habitation.

Storage Conditions

1. The packages containing the fungicide shall be stored in separate rooms or premises away from the rooms or premises used for storing other articles particularly food articles or shall be kept in separate almirahs under lock and key depending on the quantity and the nature of the insecticide. 2. The store room should be well built, well lit, ventilated and sufficient in dimensions. The conditions of the store should be dry and cool.

Chemical Composition:

Hexaconazole	(a. i.)	2.00 % w/w
Emulsifier A:	(Blend of polyoxyethylene polyoxypropylene ether & calcium salt of alkyl benzene sulfonate)	3.00 % w/w
Emulsifier B:	(amine salt of polyarylphenyl ether phosphate)	3.00 % w/w
Dispersing agent:	(Sodium salt of naphthalene sulphonic acid)	4.00 % w/w
Potassium Phosphite		16.00 % w/w
Propylene glycol		5.00 % w/w
Rhodopol 23	(Polysaccharide)	0.30 % w/w
Formaldehyde 40 % soln		0.10 % w/w
Defoamer:	(Dimethyl Polysiloxane)	0.25 % w/w
Precipitated silica		5.00 % w/w
Distilled Water		% Q.S.

Total:100.000% w/w
