

CIR-181833/2021-Hexaconazole (SC) (428)-1653

**Hexaconazole 5% SC**

**( Systemic Fungicide )**

Hexaconazole 5% Sc is a systemetic fungicide used for the control of powdery mildew of mango & Grapes and Sheath blight of Rice.

**Recommendation**

<u>Crop(s)</u>	<u>Common Name of Pest</u>	<u>Dosage/HA</u>		<u>Dilution in Water Ltrs.</u>	<u>Waiting Period between last spray to harvest (days)</u>	<u>Re-entry after each Application (In Hours)</u>
		<u>AI gm/%</u>	<u>Formulation ml(%)</u>			
Grapes	Powdery mildew	25-50	500-1000	500	14	
Mango	Powdery Mildew	0.01% or 10 g/100 lit Water	0.2% or 200 ml/100 lit. water.	As required	27	
Rice	Sheath blight	0.01% or 10 g/100 lit Water	0.2% or 200 ml/100 lit. water	As required	40	

**Direction of Use**

(a) Preparation of spray Mixture: Take the required quantity of Hexaconazole 5% SC dilute with a little water as per spray plume required and mixed well again by string. (b) Plant Protection Equipment :- The most commonly used sprayer are Bucket pump sprayer, Stirrup pump sprayer, Rocking sprayer, Foot sprayer, Wheel barrow sprayer, Compression knapsack sprayer, Compression knapsack battery sprayer and ASPEE HTP power sprayer. COMPATIBILITY: Hexaconazole 5% SC is compatible with the commonly used insecticide and fungicides.

**Precaution**

1. Keep away from foodstuffs, empty foodstuff containers and animals food. 2. Avoid contact with mouth, eyes and skin. 3. Avoid inhalation the spray mist. Spray in the direction of wind. 4 . Wash thoroughly the contaminated clothes and parts of the body after spraying. 5. Do not smoke, drink, eat and chew anything while spraying. 6. Wear full protective clothing while mixing and spraying. LIMITATIONS AND CAUTIONS FOR USE :- Do not use in those situation if there is possibility of harming bees and fish, Live stock, game, wild bird and animals.

**Symptoms Of Poisoning**

Nervousness, Anxiety, tremors, convulsions, allergic manifestations may occur.

**First Aid**

1. If swallowed, induce vomiting by tickling the back of throat. Repeat it until the vomitus is clear. Do not induce vomiting if the patient is unconscious. 2. If clothing and skin are contaminated, remove the clothes and wash the contaminated skin with copious amount of soap and water. 3. If eyes are contaminated, flush with plenty of saline/clean water for about 10 to 15 minutes. 4. If inhaled, remove the patient to fresh air.

**Phytotoxicity**

Hexaconazole 5% SC is not phytotoxic when used as per recommendations.

**Antidote**

No specific antidote is known. Treat symptomatically.

**Disposal Of Used Container**

1. Used packages or surplus materials and washings of the fungicides and containers shall be disposed off 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. 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 almirahts under lock and key depending upon the quantity and the nature of the fungicide. 2. The store rooms should be well lit, well built, ventilated and of sufficient dimensions. The conditions of the store should be dry and cool.

**Chemical Composition:**

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Hexaconazole technical	(Min. purity 92%)	5.43 % W/w
Propylene glycol		5.00 % W/w
Emulsifiers A	(Blend of polyoxyethylene polyoxypropylene ethers and calcium salt of alkyl benzene sulfonate)	3.00 % W/w
Emulsifiers B	(Amine salt of polyalkyl aryl ether phosphate)	3.00 % W/w
Emulsifiers C		2.50 % W/w
Potassium phosphite		10.00 % W/w
Polysaccharide		0.20 % W/w
Defoamer		0.25 % W/w
Distilled/D.M.Water		68.12 % W/w
Wetting and dispersing Agent (Sodium salt of Fatty alcohol)		2.50 % W/w

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**Total: 100.000 % w/w**

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