

CIR-181834/2021-Hexaconazole (EC) (428)-1654

**Hexaconazole 5% EC**

( Systemic Fungicide )

It is a systemic fungicide containing Hexaconazole 5% Active ingredient and balance adjuvants. It is used for control for scab of Apple, Blast and sheath blight of Rice, Tikka of Groundnut, Powdery mildew of Mango, Rust of Soyabean, Blister blight of Tea and Powdery mildew of Grapes only. Caution :- Do not spray if there is a possibility of harming bees and fish, live stock, game, wild birds and animals.

**Recommendation**

<u>Crop(s)</u>	<u>Common Name of Pest</u>	<u>Dosage/HA</u>		<u>Dilution in Water (Ltr)</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	0.005% (5g/100L)	0.1% (100ml/100lit)	As required	30	
Tea	Blister blight	10	200ml	70-90 with power sprayer/175-200 with knap sprayer	7	
Rice	Blast, Sheath blight	50	1000	500	40	
Groundnut	Tikka Leaf Spot	75	1500	500	30	
Apple	Sacb	0.0025%	0.05%/50ml/100lit	As required	30	
Soybean	Rust	0.005% (5g/100L)	0.1% (100ml/100lit)	As required	30	

**Direction of Use**

Plant Protection Equipment:-

Take the required quantity of Hexaconazole 5% EC 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 stirring. Use knapsack sprayer, foot sprayer, compression knapsack battery sprayer or ASPEE-HTP sprayer.

**Time of Application**

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### **Precaution**

- 1) Keep away from foodstuffs, empty foodstuff containers and animals food.
- 2) Avoid contact with mouth, eyes and skin.
- 3) Avoid inhalation of the spary mist. Spray in the direction of wind.
- 4) Wash throughly 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.

### **Symptoms Of Poisoning**

Nervousness, anxiety, tremor, diarrheo and allergic manifestation 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 cloths and wash the contaminate 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**

The product is not phytotoxic when used as per field recommendation.

COMPATABILITY: Hexaconzole 5% EC is compatible with most of the commonly used insecticides and fungicides.

### **Antidote**

No specific antidote is known. Treat symptomatically.

### **Disposal Of Used Container**

- (1) The packages shall be broken and buried away from habitation.
- (2) The used packages shall not be left outside to prevent their re-use.
- (3) Packages or surplus material and washings from the machine and cointainers should be disposed in safe manner so as to prevent environment or water pollution.

### **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 fungicide.
- 2)The rooms or premises meant for storing the fungicide shall be well built, air, well lit and ventilated and of sufficient dimension to avoid contamination with vapour.

### **Chemical Composition:**

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Hexaconazole Tech	(Based on 92% w/w a.i.)	5.50 % w/w
Emulsifier	a) Styrenated phenol ethylene oxide condensate	5.00 % w/w
	b) Dodecyl benzene sulfonic acid Ca salt	5.00 % w/w
Solvent (Aromax)		84.50 % w/w
		<b>Total: 100.000 % w/w</b>

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