

CIR-191788/2021-HEXACONAZOLE + CARBENDAZIM (SC) (429)-1932

**HEXACONAZOLE 4% + CARBENDAZIM 16% SC**

**( Systemic Fungicide )**

Haxaconzaole 4% + Carbendazim 16% SC is a fungicidal combination, used for the control of blast and sheath blight disease on Rice crop.

**Recommendation**

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water in water (liter)	Waiting Period between last spray to harvest (days)	Re-entry after each Application (In Hours)
		AI (gm)	Formulation (gm)			
Rice	Blast, Sheath blight	(30+120)	750	400-500	40	-

**Direction of Use**

A .Preparation of spray mixture: Take the required quantity of hexaconazole 4% + carbendazime 16% sc dilute with a little water as per spray plume required and mixed well again by string.

B. Plant protraction 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.

warning:

1. Pregnant women should avoid contact with carbendazim formulations.
2. Do not use in those situations if there is possibility of harming bees and fish, live stock, game, wild bird and animals.individually both hexaconazole and carbendazim are toxic to fish thus use of the combination product be avoided near aquaculture.

**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 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.

**Symptoms Of Poisoning**

Nervousness, anxiety, tremors, convulsions, allergic manifestation, nausea, vomiting, abdominal pain, if swelled when inhaled as fine dust, irritation to bronchial and lung tissues may occur.

**First Aid**

1. If inhaled remove the patient into fresh air. If breathing difficulty or discomfort occurs and persists, obtain medical attention.

2. Rinse mouth with water. Dilute by giving 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. See a medical doctor immediately.
3. Remove contaminated clothes, wash contaminated skin and clothes with soap and plenty of water. Get medical attention if irritation occurs and persists.
4. If eyes are contaminated, wash for 15 minutes with clean water.

### **Phytotoxicity**

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### **Antidote**

No specific antidote is known treat symptomatically.

### **Disposal Of Used Container**

1. Do not leave used containers outside to prevent their re-use.
2. Destroy used containers and bury them away from habitation where there is not underground water course.
3. Dispose of used packages, surplus materials and washing of the fungicides in a safe manner so as to prevent environmental or pollution and contamination of animals feeds.

### **Storage Conditions**

1. The package containing fungicides 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 fungicides.
2. The rooms or premises meant for storing the fungicides shall be well lit, well built, dry cool, ventilated and of sufficient dimensions to avoid contamination with vapour.

### **Chemical Composition:**

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Hexaconazole a.i.	4.0 % w/w
Carbendazim a.i.	16.0 % w/w
Potassium sal fo alkylated ethoxylated phosphate ester	3.0 % w/w
Polyoxyalkylene alkyl ether	1.5 % w/w
Propylene glycol	4.0 % w/w
Silicone defoamer	0.3 % w/w
Biocide BIT 20 {1,2-Benzisothiazol-3(2H) one}	1.0 % w/w
Xantham gum	0.15 % w/w
DM Water	Q.S. %
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<b>Total 100.00%</b>	
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