

CIR-181756/2021-Carbendazim (SC) (428)-2008

Carbendazim 46.27 % SC
(Systemic Fungicide)

Carbendazim 46.27 % S.C. is a suspension Concentrate used for the control of Powdery mildew of grapes and mango.

Recommendation

<u>Crop(s)</u>	<u>Common Name of Pest</u>	<u>Dosage/HA</u>		<u>Dilution in Water (Liter)</u>	<u>Waiting Period between last spray to harvest</u>	<u>Re-entry after each Application (In Hours)</u>
		<u>AI (%)</u>	<u>Formulation (%)</u>			
Grape	Powdery mildew	0.046 % or 46g/100lt. water	0.1 % or 100 ml/100 lt. water	As required	30	
Mango	Powdery mildew	0.046 % or 46g/100lt. water	0.1 % or 100 ml/100 lt. water	As required	15	

Direction of Use

LIMITATION:

Do not use in those situations where there is a possibility of harming fish and livestock.

Do not contaminate streams lakes and ponds.

Plant Protection Equipment:

Knapsack sprayers fitted with flat fan nozzle is recommended. Foot sprayer can be also be used. **WARNING:** Pregnant women should avoid contact with Carbendazim formulations.

Precaution

1. Avoid inhalation and skin contact while diluting because of spillages or splashes. Do not mix with bare hands.
2. The users should use full protective clothing, which includes rubber gloves, boots, either face shield or dust mask and overall or rubber apron hood or hat.

Symptoms Of Poisoning

Nausea, vomiting, abdominal pain, if swalled when inhaled as fine dust, irritation to bronchial and lung tissues.

First Aid

In case of suspected poisoning, call for a physician immediately.

Induce vomiting, by tickling the back of throat. Repeat the operation until vomit fluid is clear, If the eyes or skin are contaminated flush with plenty of clean water.

Antidote

There is no specific antidote. Give symptomatic treatment.

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 washings of the fungicides in a safe manner so as to prevent environmental or water pollution and contamination of animals feeds.

Storage Conditions

1. The packages containing the fungicides 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 almirahas under lock and key depending upon the quantity and nature of the fungicide.
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:

Carbendazim Tech.	Based on 98% w/w a.i.	47.22 % w/w
Polyethylene glycol		1.44 % w/w
Surfactants	Non-ionic Anionic or Blend of nonionic & anionic 5.40 % w/w dispersants	
Bioicide Preservative		0.36 % w/w
Anti caking agent	Bentonite or gum	0.16 % w/w
Silicates	Magnesium	0.18 % w/w
Water		45.24 % w/w
		Total: 100.000 % w/w
