

Carbendazim 50% WP

(Systemic Fungicide)

It is a systemic fungicide containing Carbendazim active ingredient 50% by mass and balance adjuvants.

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 gm</u>			
Grapes	Anthraco nose	150	300	600	--	
Walnut	Downy leaf spot	1.5	3	10ltr/tree		
Cucurbits	Powdery mildew	150	300	600		
	Anthraco nose	150	300	600		
Cotton	Leaf spot	125	250	750	--	
Rose	Powdery mildew	0.5	1	2	--	
Wheat	Loose smut	1gm/kg seed	2gm/kg seed	1 lit./10kg seed	wet slurry treatment	
Cluster Beans	Powdery mildew	175	350	750		
Sugar beet	Leaf spot	100	200	400	--	
	Powdery mildew	100	200	400		
Jute	Seedling blight	1gm/kg seed	2gm/kg seed	1 lit/10kg seed	Wet slurry seed treatment	
Barley	Loose smut	1gm/kg seed	2gm/kg seed	1 lit./10kg seed	wet slurry treatment	
Tapioca	set rot	0.5	1	1	--	
Tobaco	Frog eye spot	112.5	225	750	--	
	Anthraco nose	112.5	225	750	--	
Paddy	Arial Phase	125-250	250-500	750	wet slurry treatment	

	Blast	125-250	250-500	750	wet slurry treatment	
	Sheath Blight	1gm/kg seed	2gm/kg seed	1 lit/10kg seed	wet slurry treatment	
Ber	Powdery mildew	5	10	10ltr/tree		
Brinjal	Leaf spot	150	300	600	--	
	Fruit rot	150	300	600	--	
Peas	Powdery mildew	125	250	600		
Chillies	Damping off	1gm/kg seed	2gm/kg seed	1ltr/10kg seed	Wet Slurry treatment	
Moong	Powdery Mildew	250	500	750		
Moong	Leaf Spot & Web blight	125-250	250-500	750		
Groundnut	Tikka leaf spot	112.5	225	750	--	
Cow Pea	Leaf Spot	150	300	600	--	
	Coller rot	150	300	600	--	
	Anthracoese	150	300	600	--	
	Powdery Mildew	150	300	600	--	
Apple	Scab	1.25	2.5	10ltr/tree		

Direction of Use

Mix required quantity in a small quantity of water to make thick uniform paste. Allowed to soak for 5 to 10 minutes. Add remaining quantity of water slowly while stirring continuously and make up the volume. Knapsack sprayer, foot sprayer, compression knapsack sprayer, compression knapsack battery sprayer, ASPEEHTP power sprayer.

WARNING: Pregnant women should avoid contact with Carbendazim formulations.

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

Headache,nausea, vomiting, abdominal pain, diarrhoea, tremors 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

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

Antidote

No specific anti-dote is known. Treat symptomatically.

Disposal Of Used Container

1. It shall be the duty of manufacturers, formulators of fungicide and operators to dispose packages or surplus materials and washings from the machines and containers shall be disposed off in a safe manner, so as to prevent environmental and 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 articles of or shall be kept in separate almirahs under lock and key depend upon the quantity and nature of the fungicide
2. The rooms or premises meant for storing the fungicide shall be well built, dry, well-lit and ventilated and of sufficient dimensions.

Chemical Composition:

Carbendazim Tech. (based on 98% w/w min.)	51.00 % w/w
Surface active agent-Alkyl aryl sulfonate	2.00 % w/w
Dispersing agent-Alkyl naphthyl sulfonate	2.00 % w/w

Sticking agent-Glue / CMC

2.00 % w/w

Inert carrier - China clay

43.00 % w/w

Total:100.00 % w/w
