

CIR-191782/2021-Carbendazim + Mancozeb (WP) (429)-2275

Carbendazim 12% + Mancozeb 63% WP

(Systemic and Contact Fungicide)

Mancozeb 63% + Carbendazim 12% WS is a systemic and contact fungicide used for seed treatment for the effective control of tikka leaf spot, collar rot and dry root rot diseases of Groundnut, Blast on Paddy, Early blight, Late blight, black scurf on Potato, Blister blight, Grey blight, Red rust, Dieback, Black rot on Tea, Downey mildew, Powdery mildew & Anthracnose on Grape, Powdery mildew & Anthracnose on Mango, Leaf spot, fruit rot and Powdery mildew on Chilli, Downey mildew & leaf blight on Maize, Fruit scab & Powdery mildew on Apple and Tikka leaf spot, Collar rot and Dry root rot on Groundnut.

Caution :- Product is toxic to fish and aquatic organism and thus its use may be avoided near aquaculture.

Recommendation

<u>Crop(s)</u>	<u>Common Name of Pest</u>	<u>Dosage/HA</u>		<u>Dilution in Water (Litr)</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>			
Grape	Downy mildew, powdery mildew, anthracnose	0.11%	0.15%	As required depending on crop canopy	7	
Mango	powdery mildew, anthracnose	0.11%	0.15%	As required depending on crop canopy	7	
Potato	Early blight, Late blight, Black scurf	1312.5	1750	500	47	
Tea	Blister blight, Grey blight, Red rust, Die-back, Black rot	937.5	1250	250-500	7	
Paddy	Blast	563	750	750	57	
Maize	Downey mildew & Leaf blight	120+630	1000	500	37	-
Chilli	Leaf spot, fruit rot and powdery mildew	563	750	500	3	
groundnut	leaf spot, blast	375	500	500	72	
	Tikka leaf spot, Collar rot & Dry root rot	1.88	2.5	0	seed dressess	

Apple	Fruit scab & Powdery mildew	0.19%	0.25%	As required depending upon crop canopy	20	-
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Direction of Use

Spray by using high volume sprayer viz. Knapsack sprayer.

Time of Application

The product should be sprayed immediately on appearance of disease symptoms. As per recommendation, mix the pesticides and water at right dosage and spray. Before spraying the pesticides, its suspension should be mixed well by a wooden stick.

Precaution

- 1) Keep away from foodstuffs, empty foodstuff containers and animals feed.
 - 2) Avoid contact with mouth, eyes and skin.
 - 3) Avoid inhalation of 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.
- CAUTION FOR WORKERS/USERS:- while using fungicide workers/users must wear full protective clothing like long sleeved shirt, long pants, chemical resistant gloves, shoes, goggles hat and mask.

Symptoms Of Poisoning

Sweating, headache, lethargy, coughing, sneezing, itching, nausea, vomiting 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 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 antidote is known. Treat symptomatically.

Disposal Of Used Container

1) The package containing the fungicide shall be stored in separate rooms or premises away from the rooms or premises used for storing articles 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, dry, well lit and ventilated and sufficient dimension.

Storage Conditions

Packages or surplus material and washing from the machines and container shall be disposed off in such a manner so as to prevent environmental or water pollution. The used packages should not be left outside to prevent their re-use. Packages should be buried away from habitation and source of water.

Chemical Composition:

Carbendazim Technical	(based on 98% w/w a.i.)	12.25 % w/w
Mancozeb Technical	(based on 85% w/w a.i.)	74.12 % w/w
Sodium Salt of alkyl aryl sulfonate		2.00 % w/w
Sodium Salt of alkyl naphthyl sulfonate		2.00 % w/w
Keolin		9.63 % w/w
Total:		100.000 % w/w
