

CIR-191783/2021-CARBENDAZIM + MANCOZEB (WS) (429)-2276

CARBENDAZIM 12% + MANCOZEB 63% WS

(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.

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water (Liter)	Waiting Period between last spray to harvest (Days)	Re-entry after each Application (In Hours)
		AI (gm)	Formulation (gm)			
Groundnut	Tikka leaf spot, Collar rot, Dry root rot	1.88	2.5	-	-	-

Direction of Use

To treat the seed, prepare slurry with requisite quantity of product with 10 ml of water per Kg of seed and swirled in a closed container to make uniform coating on the seeds. Coated seeds are then shade dry and to be sown on the same day or next day.

Time of Application

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Precaution

1. The person should use appropriate protective clothing like hat, long sleeved shirt, long pants and shoes.
2. Avoid contact with eye and skin when handling the concentrates spray solution. Avoid inhalation of spray mist, wash thoroughly with soap and water after handling. Do not eat, drink or smoke during application.
3. Remove contaminated clothes and wash before reuse. Do not reuse the empty containers.
4. Wash hand & exposed skin with soap and water before meals and after work.
5. After application of this fungicide, the utensils should be thoroughly cleaned with plenty of soap and water.

Warning:

1. Not to be used on crops and pests other than mentioned on label & leaflets
2. Not to be used for post-harvest application.
3. Destroy Containers after use as directed on leaflet.

Symptoms Of Poisoning

Sweating headache lethargy coughing sneezing itching nausea vomiting may occur. tightness In chest ,palpitation, Hypotension, Dierrhea, hypethermia and ataxia, abdomen pain.

First Aid

1. If ingested: if person is conscious and alert, rinse mouth with water and give 1 or 2 glass of water to drink. Never give anything by mouth to an unconscious person. Call the doctor. Do not induce vomiting until and unless desired by attending physician.
2. If inhaled: Take the patient to fresh air and take care of body temperature. If patient is not breathing or breathing with difficulty, give artificial respiration, preferably with mouth to mouth breathing. Consult a physician.
3. In case of skin contact: wash thoroughly the affected part of body with soap and plenty of water including hair and under fingernails. If pain, redness or irritation persists, consult a doctor. All the contaminated clothes should be segregated and thoroughly washed with soap and water separately before use.
4. In case of eye contact: Rinse gently with plenty of water at least for 15 minutes. If pain, irritation, redness or photophobia persist. Consult eye specialist.

Phytotoxicity

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Antidote

No specific antidote is known, Treat symptomatically.

Disposal Of Used Container

1. It shall be the duty of the manufacturers, formulators of fungicides and operators to dispose packages or surplus materials and washing in 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.
4. Dangerous to re-use empty containers.

Storage Conditions

1. The packages containing fungicide shall be stored in separate rooms or premises , away from the rooms or premises used for storing other article or shall be kept in separate almirahs under lock and key depending open the quantity and nature of the fungicide.
2. The store room should be well built , well-lit, ventilated and sufficient in dimensions. The condition of the store should be dry and cool.

Chemical Composition:

Mancozeb a.i	63.00 % w/w
Carbendazim a.i	12.00 % w/w
Calcium 4-[(5-chloro-4-methyl-2sulphonatophenyl)azo]-3-hydroxy-2naphthoate (Organic Azo Pigment)	3.00 % w/w
Precipitate silica	1.00 % w/w
Phenolsulfonic acid-formaldehydepolycondensate as sodium salt	1.20 % w/w

Naphthalene sulphonic acid, formaldehyde, sodium salt	1.20 % w/w
Ethylene glycol	3.00 % w/w
Sodium lingo sulphonate	1.20 % w/w
Kaolin	Q.S. %

Total: 100.000 % w/w
