

CIR-191761/2021-Metalaxyl-M + Mancozeb (WP) (429)-1192

Metalaxyl-M 4% + Mancozeb 64% WP

(Systemic and Contact Fungicide)

Metalaxyl-M 4%+ Mancozeb 64% WP is a wettable powder containing a mixture of the systemic fungicide metalaxyl-M and the contact fungicide mancozeb. It contains 40 gm of metalaxyl-M(4% w/w) and 640 gm. of mancozeb (64% w/w). Metalaxyl-M 4%+ Mancozeb 64% WP ensures a double protection to the target plants due to systemic activity of metalaxyl-M and contact activity of mancozeb.

Caution :- Toxic to fish and aquatic invertebrates, its use should be avoided in and around aquaculture.

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water (Ltr.)	Waiting Period between last spray to harvest (in days).	Re-entry after each Application (In Hours)
		AI (%)	Formulation (gm or %)			
Grape	Downy mildew	0.17	0.25	500-1000	8	
Potato	Late blight	0.17 or 1700 g	0.25 or 2500 g.	500-1000	24	
Black Pepper	Foot rot	0.17 or 1700 g	0.25 or 2500 g.	2 litre as foilar spray or 3 litre as soil drench	21	
Mustard	Downy mildew	0.17 or 1700 g	0.25 or 2500 g.	1000 litre	60	

Direction of Use

Measure out the required quantity of the product and mix it with a small quantity of water. Add the remaining quantity of water as specified with thorough agitation. Adjust the quantity of product in proportion to the water required to cover a hectare when high volume spray equipments such as knapsack sprayers, hand compression sprayers are used. It is also suitable for low volume application with motorized knapsack sprayers, mist blowers etc. with flood jet nozzle.

Precaution

Do not use cooking utensils for preparing spray. Use stick for stirring the spray solution. Wear hand gloves to avoid contact with the skin. Also avoid inhalation and contact with eyes. Wear protective clothing, mask, goggles, boots while spraying and do not expose yourself to spray drift. Do not blow nozzles with mouth. Do not eat, drink or smoke while handling or applying the product. Do not store unused spray solution. Clean sprayer, buckets and other utensils with water daily after use. Wash hands with soap and plenty of water and change clothes after the work is over. Also wash the

contaminated clothes. Do not contaminate streams, ponds, waterways etc., by discharging leftover spray materials into them or by cleaning sprayers, contaminated buckets etc. in them. Do not spray when bees are active. When used at recommended dosages, no adverse effect on wild life is expected. In case of any sign of poisoning, immediately consult the doctor.

Symptoms Of Poisoning

Poisoning may cause symptoms of sedation, dyspnoea, exophthalmus, curved posture, ruffled fur, headache, giddiness, vertigo, nausea, vomiting, blurred vision and sweating.

First Aid

In case of poisoning, call a physician immediately. In case of poisoning by ingestion through mouth, victim should be induced to vomit. In case of external contamination wash off contamination by soap water and remove the contaminated clothes and keep the victim in fresh air. In case of eye contamination, flush with plenty of water.

Antidote

No specific antidote is known, apply symptomatic therapy.

Disposal Of Used Container

1. Packages surplus materials and washing from the machines and containers should be disposed off in a safe manner as to prevent environmental and water pollution.

Storage Conditions

The package 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 food or shall be kept in separate almirahs under lock and key depending 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 sufficient dimension to avoid contamination with vapour.

Chemical Composition:

Metalaxyl-M	a.i.	4.00 % w/w
Mancozeb	a.i.	64.00 % w/w
Sodium lignosulfonate	Wetting and dispersing agent	2.00 % w/w
Dibutyl naphthalene sulfonic acid	Sodium salt	2.00 % w/w
Precipitated silica	Filler	QS %

Total: 100.000 % w/w
