

GENERAL INFORMATION

Milthane Super is a broad-spectrum coordination product of zinc, antidote and manganese ethylene bisdithiocarbamates recommended for control of fruit, vegetable and ornamental crop diseases. Optimum disease control is when the fungicide is applied in a regular scheduled preventive spray program. The addition of an agricultural surfactant will improve fungicide performance by providing a more uniform spread deposit, increased foliar redistribution, and improved fungicide retention during periods of wet weather. Thorough coverage of foliage is essential.

ACTIVE INGREDIENT: Contains 800gm Mancozeb per kilogram

FORMULATION: Wettable Powder

MODE OF ACTION:

It is a contact fungicide with protective action. It is applied in preventative spray programme before disease sets in. Thorough coverage of foliage is necessary for good results.

SPECTRUM OF CONTROL:

It is a broad-spectrum fungicide recommended for control of diseases in fruit crops, field crops, vegetables and ornamental crops.

RATES OF USE

1.5-2.5kg Milthane super in 400-1000 litres of water per hectare. For small areas 50gm Milthane Super in 20 litres water is enough for 200 square meters (14 x 14 paces)

CROP	DISEASE	RATE /HA	RATE /20L	PHI	Remarks
Apple /pear	Scab	1.5-2.5kg	50gms	28days	Apply Milthane super at pre-bloom stage and continue at 7-10 days intervals through bloom petal fall, first and second cover sprays.
Potato	Blight	1.5-2.5kg	50gms	14days	Apply Milthane super when plants are 7-10 cm high or at first sign of disease. Repeat after 7-10 days intervals.
Tomato	Early blight, late blight & grey mould	1.5-2.5kg	50gms	7days	Apply Milthane super when disease threatens. Repeat at 7-10 days interval.
Carrots	Alternaria &Ccerconspora leaf spots	1.5-2.5kg	50gms	7 days	Apply Milthane super when disease threatens and repeat at 7-10 days intervals. Spray Milthane super when runners begin to form and repeat at 7-10 days intervals.
Cucurbits	Downy mildew	1.5-2.5kg	50gms	10 days	Apply Milthane super when disease threatens and repeat at 7-10 days intervals.
Celery	Leaf spot and stem blight	1.5-2.5kg	50gms	14days	Start spraying at 4-6 leaf stage and repeat at 7-10 days intervals.
Onions	Bortrytis, leaf spot, downy mildew & neck rot	1.5-2.5kg	50gms	7days	Begin application in seed bed at true leaf stage at the rate of 100-150g Milthane super per 100 litres of water using 1.5-3.ltr/sq.m of seed bed depending on size of plant. Repeat sprays at 3-4 days intervals. In field, start application at 200g/100 litres of water immediately after transplanting at 5-6 days interval.
Tobacco	anthracnose and leafspot	1.5-2.5kg	50gms		Start spraying when plants are well leafed at weekly intervals throughout the season.
Lettuce	Downy mildew	1.5-2.5kg	50gms	14 days	Spray at weekly intervals throughout the season before on-set of the disease.
Flowers and ornaments	Downy mildew	1.5-2.5kg	50gms	-	

PREPARATION OF SPRAY MIXTURE

- Slowly place into spray tank as it is being filled or thoroughly premix in a nurse tank for concentrate sprayers.
- Add other co-applied fungicides, insecticides, growth regulators, micro nutrients and spray adjuvants after Milthane super fungicide has been placed into suspension.
- When preparing spray solution for use in a hand sprayer, premix as a slurry in a small container, and then add to sprayer containing 1/3 or 33% of the disired final water volume. Then add water to the recommended spray volume. Thorough coverage of plant foliage is essential.

STORAGE

- Keep in original tightly closed packet away from children, food, drinks and feedstuffs.
 - Do not pile higher than three pallets.
 - Keep away from direct sunlight, fire and sparks. Store in a cool, dry and well ventilated area. Do not allow to become wet or overheated in storage, decomposition, impaired activity, or fire may result. Keep container closed when not in use.
 - Decomposition produces a foul odour If observed, check for hot containers and immediately remove to open area for disposal.
- ENVIRONMENTAL HAZARDS.**
- Milthane super is toxic to fish.
 - Do not contaminate water, food or feed by chemical wastes or empty packets.
 - Do not re-use empty containers for any other purpose. Tear and burn them in a landfill site or buried in a safe place away from water sources and human habitation. .

FIRST AID INSTRUCTIONS

If poisoning is suspected, Move patient away from area in which chemical is being used to fresh air. Call a physician immediately.

In case of eye contact: Flush the eyes with running water for at least 15 minutes while holding eyelids open to help flush out material. Contact a physician immediately.

In case of skin contact: Wash contaminated skin with soap and plenty of water. Remove contaminated clothing. If skin irritation persists, contact a physician immediately.

In case of inhalation: Remove the patient away from contaminated area and place the patient in a well-ventilated area and give artificial respiration. Keep warm and at rest. Consult a doctor.

In case of ingestion: Never give anything by mouth to an unconscious person. If still conscious, induce vomiting. Do not give milk to drink. Contact a physician immediately.

TOXICOLOGICAL INFORMATION

Symptoms of Poisoning

- Carbamates can cause abdominal cramps, vomiting, nausea and local mucosal irritation.
- Antidote:** There is no known antidote.
- Notes to physician:**
Incasse of ingestion, induce vomiting, perform gastric lavage and administer saline purgatives.Treat symptomatically.
- Contra-indications** - Alcohol, Fats

In case of an emergency, call Toll free Nos: 0800720021 and 0800730030 (24hrs)

BENEFITS

- A broad spectrum protectant fungicide for use in many crops.
- Milthane Super is a mancozeb fungicide and has proven superior to other Carbamate fungicides like Maneb and Zineb. It is less phyto toxic to sensitive crops eg. Cucurbits where maneb is not recommended.
- It does not accumulate in the environment. Milthane Super is degraded by chemical processes on plant surfaces and by biochemical process in plant, animals and soil micro-organisms.

Available Packs: 25kg, 5kg, 1kg, 500gm, 200mg, 100gm and 50gm