

TO CAUSE A HAZARD IN THE USE, STORAGE OR DISPOSAL OF THIS SUBSTANCE IS AN OFFENCE.

**PRECAUTIONS**

1. Handle with care. Avoid splashing and contact with skin, eyes, nose, and mouth.
2. Poisonous by swallowing, inhalation, and contact with skin.
3. **WEAR FULL PROTECTIVE CLOTHING** i.e. rubber gloves, rubber boots, overalls, hood, and respirator when mixing and applying this insecticide.
4. On completion of spraying, remove protective clothing and wash hands and face thoroughly with soap and running water. Dispose of the water in a safe manner.
5. **KEEP APART FROM FOOD AND FOODSTUFFS.**
6. **DO NOT** eat, drink or smoke while applying this pesticide.
7. **KEEP OUT OF THE REACH OF CHILDREN.**
8. Toxic to livestock and domestic pets.
9. **DO NOT** contaminate drinking pools, dams, rivers, waterways and other water supplies.
10. Store in the original container and **KEEP UNDER LOCK AND KEY.**

**SYMPTOMS OF POISONING:**  
Irritating to skin and eyes. May cause sensitization by skin contact. Apathy and circulatory insufficiency, diarrhoea, vomiting and indisposition.

- FIRSTAID**
- **General:** Immediately remove the affected person from the danger zone to a well-ventilated room or to fresh air, and protect from undercooling. IN CASE OF SUSPECTED POISONING:Immediately call a physician.
  - **Inhalation:** Remove the affected person to fresh air. In case of breathing difficulties give artificial respiration, preferably by mouth to mouth.
  - **Eye Contact:** Rinse eyes with clean water for several minutes and immediately call a physician.
  - **Ingestion:** Repeatedly administer medicinal charcoal in a large quantity of water .  
**NOTE:** Never give anything by mouth to an unconsciousperson. Do not induce vomiting.
  - **Skin Contact:** Remove contaminated clothing and thoroughly wash the affected parts of the body with soap and running water.

**Medical Instructions**

- **Antidote:** No specific antidote is known. Apply symptomatic therapy .
- **Ingestion:** Give gastric lavage, administer a saline laxative. Do not administer fats and oils. Assist circulation.

**EMPTY CONTAINER DISPOSAL**  
Invert the container over the spray tank or mixing tank. Allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the container three times with a volume of water to a minimum of 10% of the container. Add the rinsate to the contents of the spray tank. Destroy the empty container by perforation and flattening. Bury away in a designated area or away from water sources. DO NOT use for any other purposes. If possible, offer the container for recycling and reuse.

**DECONTAMINATION OF SPRAYER**  
Clean applicator thoroughly after use and ensure that all traces of the pesticide are removed. Make use of the following method:  
a) Drain and rinse the tank, boom sprayer and hoses with clean water for at least 10 minutes.  
b) Fill tank with clean water and add to it 1.0 liter household bleach (sodium hypochlorite) (5%) or 1.5 liters of household bleach (3.5%) per 200 liters of water. Rinse hoses and spray boom and leave in a tank for 15 minutes whilst agitating. Drain through nozzle outlets.  
c) Repeat step b) and thereafter, rinse thoroughly with clean water. Dispose of the water at a site designated for the disposal of pesticides.

COMPATIBILITY

The compatibility of this pesticide with third party products may be affected by the formulation of the other products or the quality of the water used for dilution.

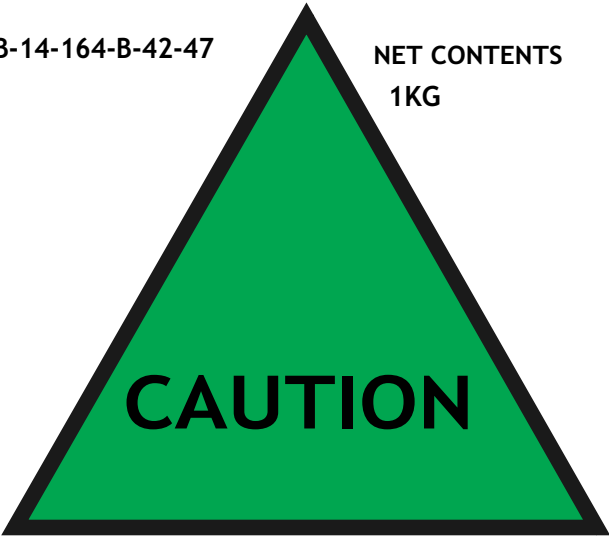
**WARRANTY**  
This product is guaranteed to be best quality and contain active ingredients as specified on this label. However since condition of use and storage are outside our control we cannot accept liability for loss or damage resulting from the application, it is therefore essential to adhere strictly to the directions of use recommended on this label.

**SHELF LIFE:** Two years from the date of manufacture if kept in the original unopened container under constant cool and dry conditions.  
**Batch Number:**  
**Date of Manufacture:**

# METALAXYL+MANCOZEB 72WP FUNGICIDE

REG NO:20-B-14-164-B-42-47

NET CONTENTS  
1KG



HARMFUL IF SWALLOWED

Composition.....(Mass/Mass)  
Mancozeb.....640g/kg  
Metalaxyl.....80g/kg

Chemical Group: Mancozeb-dithiocarbamate  
Metalaxyl-phenylamide

A SYSTEMIC AND CONTACT FUNGICIDE FOR THE CONTROL  
Of LATE BLIGHT (*Phytophthora infestans*) ON  
POTATOES AND TOMATOES AND DOWNY MILDEW  
On VEGETABLES AND ROSES

**Registered and Distributed by:**  
Optimum Agro (Pvt) Ltd  
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## DIRECTIONS FOR USE:

CROP	PEST	DOSAGE	APPLICATION REMARKS
Potatoes	Late blight ( <i>Phytophthora infestans</i> )	350g/100 litres of water 50g/15 litres of water 700-1250g/ha	Apply a maximum of 4 sprays as a full cover spray, during the period of active growth. The first application must be made when the first signs of Late Blight development are noticed.
Tomatoes	Late blight ( <i>Phytophthora infestans</i> )	350g/100litresofwater 50g/15litresofwater 700-1250g/ha	
Cabbage Broccoli Rape Onions Cucumbers Spinach	Downy Mildew	250g/100 litres of water . (50g/20 litres of water) 700-1250g/ha	Apply a maximum of 3 sprays per crop at an interval of 3 days.Spray to the point of runoff. If less water is used, concentrate the spray-mixture accordingly. Change over to a fungicide with a different mode of action within 7 days of the last application of Metalaxyl+Mancozeb 72WP .
Roses	Downy Mildew ( <i>Peronosporasparsa</i> )	250g/100 litres of water (1.25kg/ha)	Apply a maximum of 3 sprays per crop as a full cover spray. The first application must be made shortly before disease attack is expected. The 2nd and 3rd applications may be made at 14-dayintervals.

**PREPARING THE MIXTURE:**  
Mix the required quantity of Metalaxyl + Mancozeb 72WP with a small volume of clean water into a slurry.Half-fill the spray tank with clean water and while agitating, pour the slurry into the spray tank through a 50 mesh sieve. Top-up the tank to the required volume. Ensure thorough agitation of the mixture in the tank during mixing and spraying.

**GROUND APPLICATION:**  
Use not more than 500 litres/ha of spray mixture. Use a dosage of not more than 2.5 kg of Metalaxyl+Mancozeb 72WP per ha. The recommended dosage should be applied in a spray not more than 500 lt per hectare for groundapplication. Sufficient water should be used to obtain thorough coverage of foliage but avoid run-off. The addition of stickers and wetters is not recommended.  
SPRAY INTERVAL: Maximum of 4 treatments at an interval of 10 days during the rainy season when Late Blight infestation danger is very high.

**AERIAL APPLICATION:**  
Use 40 litres of spray mix including 2litres of Orchexoil per ha. Use a dosage of 3.0 kg of Mancozeb + Metalaxyl 72WPper ha.  
a)Application rate: 40 litres /ha  
b)Recovery spray VMD: 200-300 microns  
c)Optimal flight height: 3 metres  
d)Track intervals:Pawnee P25c-16metres  
Thrush Commander-20metres

**PRE-HARVEST INTERVALS:**  
Tomatoes and cucurbits 3 days  
Onions, Brassicas 7 days  
For potatoes and other crops; not pertinent because of the recommended time of application.

**RE-ENTRY PERIOD: 12 hours**