

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

**EMPTY CONTAINER DISPOSAL**-Invert the empty container over the spray tank or mixing tank and 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 equal to a minimum of 25% of the container. Add the rinsings to the contents of the spray tank. Dispose of the wash water at a site designated for the disposal of pesticides. 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 purpose. If possible, offer the container for recycling.

**DECONTAMINATION OF SPRAYER**  
Clean applicator thoroughly after use and ensure that all traces of Mancozeb 80WP are removed. Make use of the following method:  
(a) Drain and rinse tank, spray boom and hoses with clean water for at least 10 minutes.  
(b) Fill tank with clean water and add to it 1.0 litre household bleach (Sodium Hypochlorite) (5%) or 1.5 litres of household bleach (3.5%) per 200 litres of water. Rinse hoses and spray boom and leave in tank for 15 minutes whilst agitating. Drain through nozzle outlets.  
© Repeat step(b) and there after, rinse thoroughly with clean water and dispose of the wash water at a site designated for the disposal of pesticides.

**SYMPTOMS OF POISONING:**  
Symptoms of exposure to the product include: itching, scratchy throat, sneezing and coughing. Nausea, vomiting, diarrhoea, headache, ataxia, confusion and fatigue have occurred in cases of accidental swallowing.

**FIRSTAID**  
**Inhalation:**  
Move the victim to fresh air or remove source of contamination. Monitor for respiratory distress. Keep person warm and at rest. Treat symptomatically and supportively as and when required. Qualified personnel should perform administration of oxygen. Get medical attention immediately if necessary.  
**Skin contact:**  
Remove all contaminated clothing and shoes. Gently wipe off excess chemical. Wash affected skin areas gently and thoroughly with water and non-abrasive soap. Do not rub the skin. If irritation persists, seek medical advice. Persons who become sensitized may require specialized medical management with anti-inflammatory agents or cortisone containing emulsions.  
**Eye contact:**  
Immediately flush the contaminated eyes with gently flowing luke warm water for 15 to 20 minutes, occasionally lifting the upper and lower lids. If present, remove contact lenses after 5 minutes and continue rinsing. **Seek medical attention.**  
**Ingestion:**  
Seek medical attention or call a poison control centre for treatment advice. Do not induce vomiting without medical advice. Give two glasses of water to drink. Never give anything by mouth to an unconscious person. Qualified medical personnel should perform administration of gastric lavage or oxygen.

**NOTE TO PHYSICIAN**  
No specific antidotes are available against dithiocarbamate poisoning. If a largea mount of **Mancozeb 80WP** has been ingested in the last few hours, and if copious vomiting has not already occurred,the stomach must be emptied, and steps taken to limit gastro intestinal absorption. If the patient is fully alert and nervous system depression is not anticipated, oral administration of Syrup of Ipecac will assist to empty the stomach.

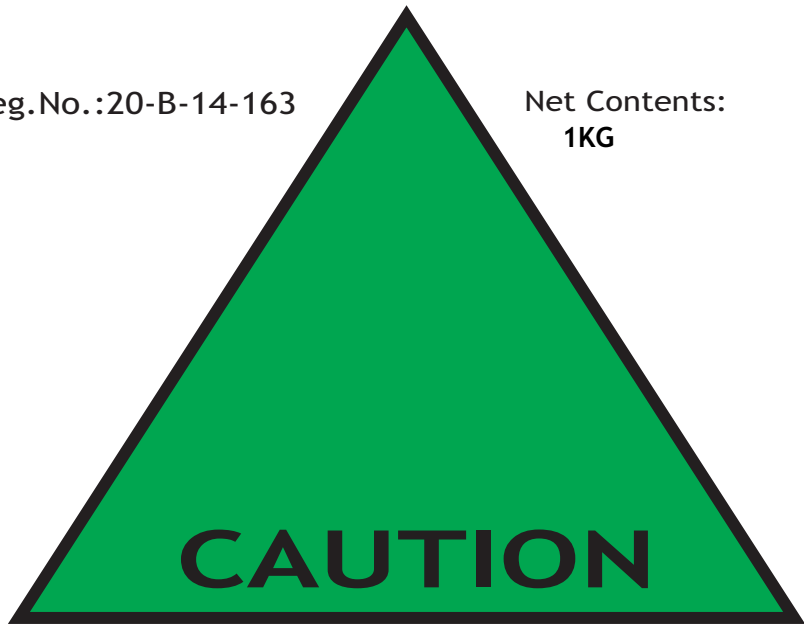
**Shelf life:** Two years from the date of manufacture if kept in the original unopened container under constant cool and dry conditions.  
**Batch No.**  
**Date of manufacture:**

MANCOZEB 80WP

FUNGICIDE

Reg.No.:20-B-14-163

Net Contents:  
1KG



HARMFULIFSWALLOWED

Composition (mass/mass)

Mancozeb.....800g/kg

Chemical group: Dithiocarbamate

A BROAD SPECTRUM

PROTECTANT FUNGICIDE FOR THE CONTROL OF A WIDE RANGE OF DISEASES IN AGRICULTURAL, HORTICULTURAL AND ORNAMENTAL CROPS.

**Registered and Distributedby:**  
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**WARRANTY**  
Provided the recommendations contained on this label are followed in full, this product should give excellent results. Since the application of the product and the conditions under which it is applied are beyond the control of Optimum Agro (PVT) LTD, no warranties are given with regard to the use of the product. Optimum Agro (PVT) LTD accepts no liability in delict for any injury to persons or damage to or loss of property,or profits, resulting from the handling, use or storage of this product.

DIRECTIONS FOR USE:Use only as directed.

**Mixing instructions:**  
Mix the recommended quantity of Mancozeb 80WP in a small quantity of clean water until it forms a thick cream. Half-fill the spray tank with clean water, add the cream mixture and ensure thorough agitation. Fill the spray tank with water to the required level. Ensure that thorough agitation of the mixture is maintained during mixing and spraying.  
When emulsifiable concentrates are to be used with Mancozeb 80WP,ensure thorough mixing of Mancozeb 80WP in the spray tank before the emulsifiable concentrate is added to the spray tank. Maintain thorough agitation of the mixture before and during spraying.

CROP	DISEASE	RATE: Mancozeb 80WP (g) /volume (l) of water	APPLICATION REMARKS
Apples and Pears	Scab	<b>Pre-blossom:</b> Apply 3 pre-bloom applications in total. Apply the first application with green tip stage and the last just prior to blossom. <b>Post-blossom:</b> Apply in total of 4 to 6 applications in the post-blossom stage. Apply the first application immediately after blossom. Apply the follow-up sprays at 7 to 14 day intervals.	
		150g /100 l of water (3 to 5.25kg/ha)	High volume application: Suitable for pre-blossom and post-blossom applications. Apply 2000 to 3500 litres of spray mixture per hectare.
		500g/100l of water (2.5 to 4kg/ha)	Low volume application: Suitable only for post-blossom applications. Apply 500 to 900 litres of spray mixture per hectare.
Beans	Anthracnose and Rust	1 to 4 kg/ha or 40g/10l of water	Apply the first application as a full cover spray as the first signs of the disease are noticed. Repeat the applications at 7 to 10 day intervals. Aerial application: Apply in 30l of water/ha.
Carrots	Leaf blight	160 to 210 grams per 100l of water	Begin application as the first signs of appearance of the disease and repeat at 7-10 day intervals.
Citrus	Black Spot, Melanose, Citrus Rust Mite	160 to 220grams per 100l of water	<b>Wet season:</b> Start first application just after full petal drop and repeat at 25-day intervals using the rate of 213g/100l of water for the first 2 applications. For subsequent 2 to 3 applications, apply 160 g Mancozeb 80WP plus 0.6l light or medium mineral oil per 100l of water .This will also control Melanose and Citrus Rust Mite. <b>Normal season:</b> Using the 213g/100l of water rate, apply 3 applications at 25-day intervals starting 3rd week of October.This will also control Melanose and Citrus Rust Mite.
Flowers/ Onarmentals	Downy mildew, Anthracnose and Rusts	150 to 200 grams per 100l of water plus suitable spreader and sticker	Use sufficient water to ensure thorough wetting of the plants. The degree of infection determines the dosage rate. Apply the first spray as soon as the first signs of the disease are noticed. Apply follow-up sprays at 7-10 day intervals if necessary.
Zinnias, Roses Gladioli and Dahlias	Alternaria, Black Spot and Botrytis	213g/ 100l of water	Apply as a full cover spray.
Onions and Leaks	Alternaria, Downy Mildew	160 to 210 grams per 100l of water	Apply at the first sign of disease in at least 300l of water/ha. Repeat every 7-10 days.
Potatoes	Early blight and Late blight	1 kg per 100l of water	Apply as a full cover spray: Apply 200 to 300 litres of spray mixture per hectare.
Tomatoes	Early blight, Late blight, Septoria leaf spot	200 grams per 100l of water	Apply the first application shortly after transplanting. Use 500l of spray mixture per hectare. Increase the volume to 3000l of spray mixture per hectare as the plants increase in size.

**Pre-harvestIntervals:**  
Beans, Carrots, Citrus, Fruit, Leaks, Onions and Potatoes-14days.  
Cucurbits and Tomatoes-1day .