

The original turf & ornamental Mancozeb formulation is back

What is Mancoflo Fungicide?

Mancoflo Fungicide is an economical, protectant fungicide containing 750g/kg Mancozeb in a Dry Flowable formulation. It is registered for the control of Helminthosporium, Fusarium and Brown Patch in turf situations. In Ornamentals, it is registered for the control of Rust, Alternaria Leaf Spot, Botrytis, Septoria Leaf Spot and Black Spot in Carnations, Chrysanthemums, Gladioli and Roses.

Features of Mancoflo Fungicide:

1. Proven Performance over many years.
2. Economical for broadacre applications.
3. Low Scheduling – when compared to other protectant fungicides.
4. Registered for use in both Turf and Ornamental applications.
5. Synergistic action with several other fungicides when used in combination.
6. Good tank mix flexibility.
7. Reduced Potential for Resistance due to Multiple Site mode of action.



Mode of Action of Mancoflo Fungicide:

Mancozeb is classified as a Group M3 fungicide (Formally Group Y). **Mancozeb** has multiple site activity and primarily affects fungal development by inhibiting acetaldehyde dehydrogenase, an enzyme vital to normal cellular metabolism of fungi.

Mancozeb is a non systemic, contact fungicide that has protectant activity. **Mancozeb** will provide at least 7-10 days reliable protection from major turf pathogens following an application. **Mancozeb** will not control turf diseases present inside plant tissue, and as a result, it doesn't offer reliable curative control capabilities when applied alone.

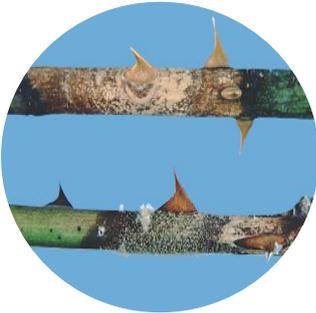
Application:

Mancoflo Fungicide is applied at a rate of 20 – 25kg/Ha (200 – 250g/100m²) in turf situations, depending upon the residual performance required and 150 – 200g/100L of water in ornamental applications. In turf applications, it is recommended that **Mancoflo** be applied in a minimum of 400L of water per hectare with a medium sized droplet to obtain an even coverage over the turf surface. For root borne diseases, irrigation maybe required to place the active ingredient into the rootzone. For ornamental application, apply when disease symptoms first appear and then repeat at 7-10 day intervals. To enhance residual performance and rainfastness of **Mancoflo Fungicide**, it is recommended that it be tank mixed with Pro-Film 904 at the rate of 1.2L/Ha.



MANCOFLO AT A GLANCE	
Active Ingredient:	750g/kg Mancozeb
Pack Size:	20KG
Rate:	20 - 25kg/Ha or 200 - 250g/100m ²
Poisons Schedule:	S5
Mode of Action Group	M3

Nozzle Selection					
Nozzle		Water Rate	Pressure	Travel Speed	Droplet Size
Type	Size				
XR Teejet	110 04	400 – 600L/ha	3 bar	5km/hr	Medium

Key Diseases Controlled		
<p>Brown Patch</p>  <p>Pathogen: <i>Rhizoctonia solani</i> Site of Infection: Foliage & roots Ideal Infection Temperature: 25 – 30 °C.</p>	<p>Helminthosporium</p>  <p>Pathogen: <i>Bipolaris, Drechslera & Exerohilum</i> Site of Infection: Foliage & Roots Ideal Infection Temperature: 18 – 35 °C.</p>	<p>Fusarium Patch</p>  <p>Pathogen: <i>Microdochium nivale</i> Site of Infection: Foliage & roots Ideal Infection Temperature: 0 – 20 °C.</p>
<p>Botrytis Blight</p>  <p>Pathogen: <i>Botrytis cinerea</i> Site of Infection: Foliage Ideal Infection Temperature: 15 – 25 °C.</p>	<p>Alternaria Leaf Spot</p>  <p>Pathogen: <i>Alternaria dianthi</i> Site of Infection: Foliage Ideal Infection Temperature: 20 - 30°C.</p>	<p>Septoria Leaf Spot</p>  <p>Pathogen: <i>Septoria obesa</i> Site of Infection: Foliage Ideal Infection Temperature: 20 - 32°C.</p>

COMPARISON OF PROTECTANT FUNGICIDE OPTIONS – SCHEDULING

	Mancoflo (Mancozeb)	Daconil (Chlorothalonil)	TMTD 600 (Thiram)	Captan WG (Captan)	Terrazole (Etridiazole)
Scheduling	S5	S6	S6	S6	S6

Pack Sizing:

Mancoflo comes in 20KG pack size. The 20KG pack size is ideal for large area applications.

Mancoflo is a trademark of Amgrow Pty Ltd.

For more information, contact your local Turf distributor or call 02 9395 1200
www.amgrow.com.au