



## METMAN 720 WG (Wettable Granules)

FEATURES	BENEFITS
Wettable Granule formulation	Easy-to-use & OH&S friendly
Two active ingredients	Different modes of action with protectant (mancozeb) and systemic curative (metalaxyl) action
Manufactured in Europe	very high-quality product
Small particle size	Better coverage on the plant surface
3 year expiry date	Longer storage

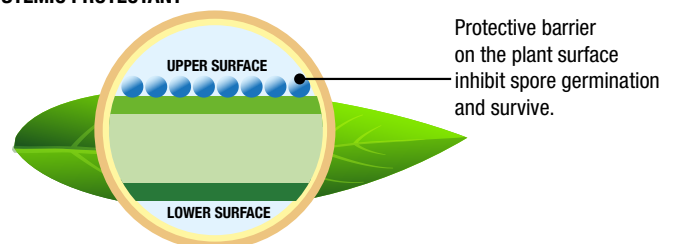
**Active Constituent:** 640g/kg Mancozeb + 80g/kg Metalaxyl  
**Formulation:** Wettable Granule  
**Resistance Group:** Group M3|4 Fungicide  
**Pack Sizes:** 10kg Bags

### TWO MODES OF ACTION: SYSTEMIC AND PROTECTANT FUNGICIDE

#### 1. Mancozeb is a non-systemic protectant.

When applied it provides a protective barrier on the plant surface to inhibit spore germination by reacting with and inactivating amino acids and enzymes of fungal cells.

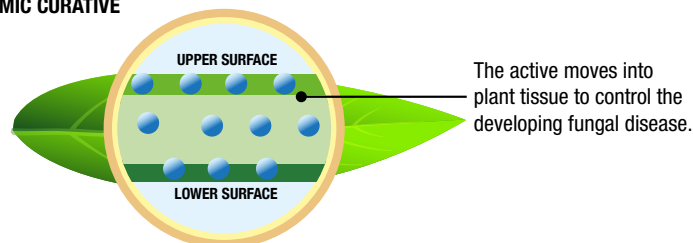
#### NON-SYSTEMIC PROTECTANT



#### 2. Metalaxyl is systemic with curative and protective activity.

It is absorbed by the leaves, stems and roots and controls developing fungal disease. It is most effective when applied as a protectant. Metalaxyl inhibits protein synthesis in fungi by interfering with the synthesis of ribosomal RNA.

#### SYSTEMIC CURATIVE



Due to the nature of how **Metalaxyl** moves within the plant it is metabolised quickly.

**Mancozeb** is not metabolised by the plant and will remain active on leaf surface until removed by wind and rain.

**Metman 720 WG** targets two different stages of fungi reproduction, at different target sites, which results in strong disease control.



## DOWNY MILDEW LIFE CYCLE

Downy mildew spores survive over winter in the soil and on plant debris from previous infections and seasons. Spores are spread by wind and water.

For Downy mildew to sporulate it requires damp, cool conditions with high humidity and leaf wetness for an extended period.

It then takes several days for Downy mildew symptoms to be visible. Repeat secondary infections can continue to cycle in the right conditions.

## DOWNY MILDEW CONTROL

Adequate Downy mildew control is achieved through a combination of the following;

- Keep overwintered inoculum to a minimum.
- Use of a protectant fungicide program early and consistently throughout the season.
- Managing canopy to facilitate good air flow and allow adequate spray coverage.
- Correct timing and adequate coverage at time of application.

# METMAN 720 WG

(Wettable Granules)

**Metman 720 WG** is considered a curative fungicide because of the kickback of metalaxyl. However, it is important to understand that Metman 720 WG should be applied directly after infection event but before visual symptoms (oil spots from primary infection) appear.

## TARGET DISEASES ON VARIOUS CROPS\*

Disease \ Crop	Vines	Poppies	Potatoes	Lettuce	Onions
Downy Mildew	250g /100L	2.5kg /ha		250g /100L	250g /100L
Late Blight			250g /100L		
Early Blight			250g /100L		
Septoria Leaf Spot				250g /100L	
Anthracnose				250g /100L	
Purple Blotch					250g /100L (QLD only)

\* Always refer to label before use.