

“ευχολία”  
“Conveniente”  
“Dễ sử dụng hơn”



**THE DUAL ACTION  
FUNGICIDE THAT'S  
CONVENIENT IN  
ANYONE'S LANGUAGE.**

**DuPont™  
ManKocide® DF®**  
fungicide

**DU PONT** The miracles of science®

### ManKocide®DF®

is a convenient broadspectrum fungicide formulated to provide maximum protection against both fungal and bacterial diseases.

The unique formulation

- Handles and pours like a liquid
- Pours with virtually no dust
- Mixes readily with water
- Is highly compatible with most other fungicides, insecticides and foliar fertilisers.

Most importantly, combining two active ingredients in one formulation reduces the number of products you need to add to the spray tank, thus reducing the risk of incompatibility and mixing problems.

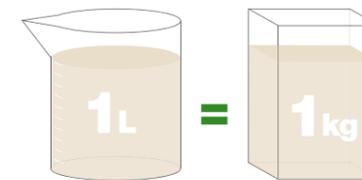
### Active constituent

300 g/kg copper present as cupric hydroxide  
150 g/kg mancozeb

| Features                                       | Benefits   |
|--|--|
| Dry flowable formulation                       | ManKocide® measures easily, pours with minimal dust and mixes readily in the spray tank  |
| Product wets instantly                         | When added to the spray tank, ManKocide® wets instantly, suspends quickly and stays in suspension with minimal agitation   |
| Tank-mix compatibility                         | ManKocide® can be mixed with foliar applied fungicides, insecticides and most foliar nutrients. The formulation has two active ingredients eliminating the need to apply two separate formulations in the spray tank helping to reduce potential mixing problems |
| Contains 15% mancozeb and 46% copper hydroxide | The synergy created from combining mancozeb and Kocide in a formulated mix provides enhanced protection against fungal and bacterial diseases  |
| Broad spectrum disease protection              | ManKocide® protects against a range of fungal and bacterial diseases including target spot, downy mildew, anthracnose, black spot, bacterial spot and bacterial canker   |
| Resistance management tool                     | The dual mode of action of ManKocide® maximises disease protection while minimising the potential for resistance to develop  |

### Simple to measure:-

There is no need for special measuring cylinders or scales. The bulk density of ManKocide® DF® is such that 1 litre is approximately equal to 1 kg. So, to measure 5 kg simply pour 5 L into any graduated measuring jug.



### Mixing

When added to the spray tank, ManKocide® wets instantly, suspends quickly and stays in suspension with minimal agitation. Fill the spray vat to three quarters of the required volume using good quality water. With the agitation system operating, slowly pour the required quantity of ManKocide® into the spray vat. **DO NOT** dump the product into the spray vat. **DO NOT** attempt to pre-mix ManKocide® in water before adding to the spray vat. If tank-mixing, add other products after the ManKocide® is thoroughly dispersed. Add other products in the following order;

1. ManKocide® DF® water dispersible granules
2. Wettable powders
3. Water based suspension concentrates eg Rubigant® SC
4. Water soluble concentrates
5. Oil based suspension concentrates
6. Emulsifiable concentrates - eg Targa®, Targa® Bolt
7. Adjuvants, surfactants
8. Soluble fertilisers - eg calcium nitrate.

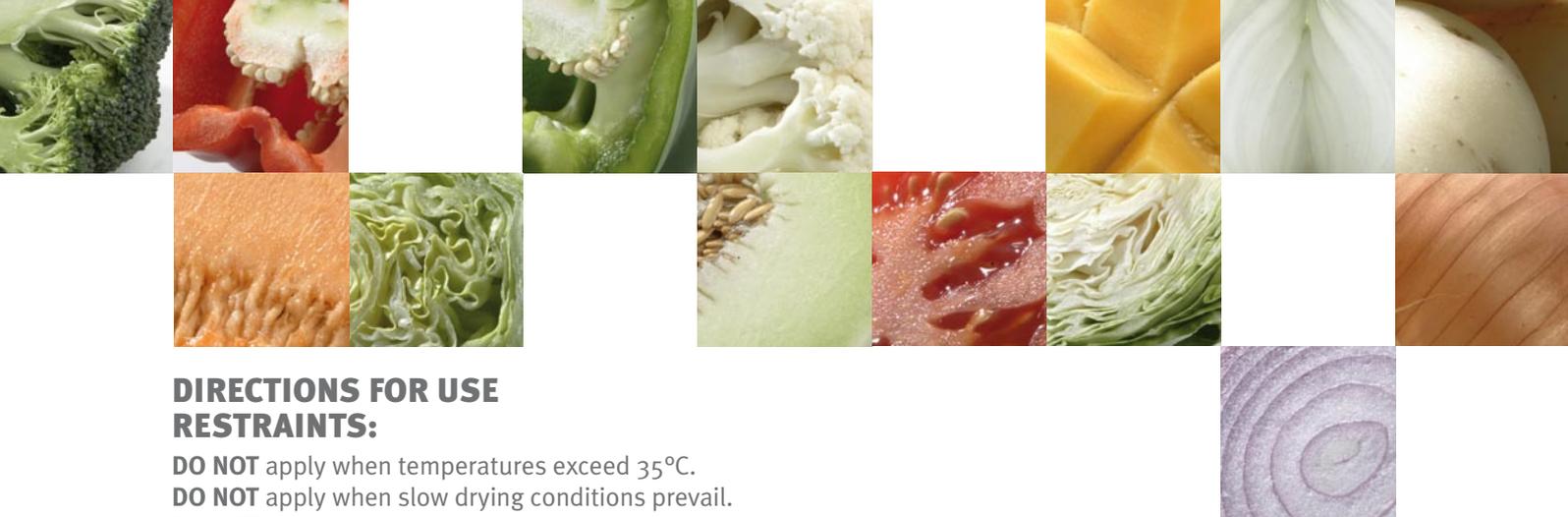
### Adjuvants

ManKocide® is formulated to not require the addition of a wetting agent or spreader / sticker. One may be used if required when tank mixing with other products. If using an adjuvant always add it to the spray vat last, and use the lowest recommended adjuvant rate.

### Compatibility

ManKocide® can be tank mixed with foliar applied fungicides, insecticides and most foliar nutrients. Always allow the ManKocide® to disperse completely before adding other products to the spray vat. ManKocide® is not compatible with lime sulphur.





**DIRECTIONS FOR USE**  
**RESTRAINTS:**

- DO NOT** apply when temperatures exceed 35°C.
- DO NOT** apply when slow drying conditions prevail.
- DO NOT** apply to copper-shy crops or cultivars.
- DO NOT** apply if it is likely to rain before the spray is dry.
- DO NOT** apply to wet crops.
- DO NOT** use in spray solutions with a pH of less than 6.5.



| CROP                    | DISEASE   | STATE                 | RATE                                   | WHP     | CRITICAL COMMENTS   |
|-------------------------|---|-----------------------|--|---------|---|
| Cucurbits               | Angular leaf spot ( <i>Pseudomonas</i> )<br>Bacterial leaf spot ( <i>Xanthomonas</i> )<br>Anthracnose,<br>Downy mildew ( <i>Pseudoperonospora</i> ),<br>Gummy stem blight ( <i>Didymella</i> )    | All States            | 200-400 g/100 L<br>or<br>2.0-4.0 kg/ha | 7 days  | Apply when conditions favour disease development and repeat at 7-10 day intervals. Use the shorter interval and higher rate when conditions are highly favourable for disease infection. <b>DO NOT</b> apply more than 8 applications per season.   |
| Cole Crops              | Black rot ( <i>Xanthomonas cam pestris</i> ), Downy mildew, Alternaria spot, Anthracnose, Ring spot   | All States            | 200-400 g/100L<br>or<br>2.0-4.0 kg/ha  | 7 days  | Apply when conditions favour disease development and repeat at 7-10 day intervals. Use the shorter interval and higher rate when conditions are highly favourable for disease infection. <b>DO NOT</b> apply more than 8 applications per season. CROP DAMAGE WARNING: This product contains cupric hydroxide which predisposes cabbages to frost damage. Cabbages should not be treated with the product if frosts are likely as crop damage may occur |
| Onions                  | Downy mildew,<br>Purple Blotch  | All States            | 200-400 g/l L<br>or<br>2.0-4.0k g/ha   | 7 days  | Apply when conditions favour disease development and repeat at 7-10 day intervals. Use the shorter interval and higher rate when conditions are highly favourable for disease infection. <b>DO NOT</b> apply more than 8 applications per season  |
| Potato                  | Target spot/early blight ( <i>Alternaria</i> ), Irish blight/late blight ( <i>Pytophthora</i> )   | All States            | 200-400 g/l L<br>or<br>2.0-4.0 kg/ha   | 0 days  | Apply from crop emergence to maturity depending on disease development. Apply when conditions favour disease development and repeat at 7-10 day intervals. Use the shorter interval and higher rate when conditions are highly favourable for disease infection. <b>DO NOT</b> apply more than 8 applications per season. May reduce yield if applied under dry conditions.   |
| Tomato                  | Bacterial spot, Bacterial canker, Bacterial spec ( <i>Pseudomonas</i> ), Target spot/Early blight, Irish blight/Late blight Septoria leaf spot ( <i>Septoria</i> spp.)<br>Anthracnose, Leaf mould | All States            | 200-400 g/100 L<br>or<br>2.0-4.0 kg/ha | 7 days  | Apply when conditions favour disease development and repeat at 7-10 day intervals. Use the shorter interval and higher rate when conditions are highly favourable for disease infection. <b>DO NOT</b> apply to seedlings before transplanting. These applications will reduce the spread of Bacterial canker, but will not control seed or soil borne infection.   |
| Mangoes<br>Passionfruit | Anthracnose   | Qld, NSW<br>& WA only | 200-400 g/100 L<br>or<br>2.0-4.0 kg/ha | 14 days | Apply from flowering when disease symptoms first appear and repeat at regular intervals (7-14 days depending on level of disease). <b>DO NOT</b> apply more than 8 applications per season.   |

**ALWAYS REFER TO THE LABEL BEFORE USE**

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