#### CAUTION

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING



# MANCOZEB 800WP Fungicide

**ACTIVE CONSTITUENT: 800g/kg MANCOZEB** 

GROUP M3 FUNGICIDE

A WETTABLE POWDER FUNGICIDE FOR THE CONTROL OF VARIOUS FUNGAL DISEASES ON FRUIT, VEGETABLES AND OTHER FIELD CROPS AS PER THE DIRECTIONS FOR USE.

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

15Kg

25kg

KD Plant Care Pty Ltd 10 Abbott St, Fairfield VIC 3078 Ph 03 9497 5247 AN AUSTRALIAN OWNED COMPANY



## STORAGE AND DISPOSAL KEEP OUT OF REACH OF CHILDREN.

Store in the closed, original container, in a dry, as cool as possible, well ventilated area out of direct sunlight. This product is stable for a minimum of two (2) years if stored as indicated above.

Shake bag contents into the spray tank till the bag is empty. Do not dispose of undiluted chemicals on site. Puncture or shred and bury empty containers in a local authority landfill.

If an approved waste management facility is not available, bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with the relevant Local, State or Territory government regulations. Do not be burn empty containers or product.

#### SAFETY DIRECTIONS

May irritate the eyes, nose, throat and skin. Avoid contact with eyes and skin. Do not inhale dust or spray mist. Wash hands after use.

#### **FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre Ph. 13 11 26. Avoid giving alcohol.

#### SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet.

#### **Expiry Date:**

2 years after production date.

#### **GHS STATEMENTS**

May cause an allergic skin reaction. May cause respiratory irritation. Suspected of damaging the unborn child. Very toxic to aquatic life.

SPECIALIST ADVICE KENDON CHEMICAL & MNFG CO PTY LTD 03 9497 2822 IN A TRANSPORT EMERGENCY DIAL 000 POLICE OR FIRE BRIGADE

APVMA No. 66679 / 54178

Batch No. DOM:



15ka

25ka

### CAUTION

**KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING** 

## **KDPC MANCOZEB 800WP FUNGICIDE**

## **ACTIVE CONSTITUENT:** 800g/kg Mancozeb

M3 FUNGICIDE GROUP

A wettable powder protectant fungicide for the control of various fungal diseases on fruit, vegetables and other field crops as per the Directions For Use table.

## IMPORTANT: READ THIS LEAFLET **BEFORE USING THIS PRODUCT**

#### **KD Plant Care Pty Ltd**

10 Abbott Street, Fairfield VIC. 3078. (03) 9497 5247

#### AN AUSTRALIAN OWNED COMPANY

#### **GENERAL INSTRUCTIONS:**

**MIXING:** (Ground or Aerial Equipment)

Apply KDPC Mancozeb WP at the required rate shown: use sufficient water to provide thorough coverage, usually 220 to 1000L / ha for ground equipment and 30 to 50L / ha for aircraft.

Use a spreader-sticker or spraying oil as per label instructions if needed. Add KDPC Mancozeb WP slowly to water in the spray tank with agitation, or premix thoroughly in separate holding tank for concentrate or aircraft

Continuous agitation is required to keep the product in suspension.

#### **EQUIPMENT MAINTENANCE AND CLEANING**

Ensure spray equipment is well maintained and calibrated before using. Check the pump, nozzles and hose lines for leaks or wear. Flush lines thoroughly with clean water after use.

#### **COMPATIBILITY**

KDPC Mancozeb WP is compatible with most insecticides, fungicides, miticides and summer oils, wetting agents or spreader-stickers. Prepare the mancozeb mixture first and add the other ingredient last.

Do not mix KDPC Mancozeb WP with Lime Sulphur.

Non-recommended mixtures may be ineffective or may cause serious damage and would therefore be entirely at the users risk.

#### **APPLICATION**

#### **High Volume Dilute Spray**

For fruit tree crops and some row crops, apply as a high volume, dilute spray. The spray volume will vary according to the type of crop being treated and should be increased in heavy growth and on large plants to ensure thorough coverage.

The spray volume should also be increased as the size of the treated crop increases throughout the growing season.

A general guide for mature crops is as follows:

| CROPS                              | SPRAY VOLUME        |
|------------------------------------|---------------------|
| Bananas, Vines and Other row crops | 200L to 1110L / ha  |
| Pome and Stone Fruit               | 1100 to 4000L / ha  |
| Citrus                             | 4000L to 8000L / ha |

#### **Directions for Use** RESTRAINTS

DO NOT mix this product with Lime Sulphur.

| CROP   | DISEASE<br>CONTROLLED   | STATE                                       | RATE /<br>100L<br>or<br>PER HA                                  | WHP | CRITICAL COMMENTS   |
|--|---|---|---|-----|---|
| POME FRUIT<br>Apples &<br>Pears  | Black Spot<br>(not apples WA)<br>Bitter Rot, Fly Speck,<br>Sooty Blotch         | All States<br>(except WA for<br>Black Spot) | 150-200g / 100L<br><b>or</b><br>3-6kg / ha                      | 14  | Apply at 7-14 day intervals throughout the season. Begin following cover copper spray at green tip. Use higher rate or shorter interval between sprays where conditions favour disease. Add spreader sticker if necessary.  |
| STONE<br>FRUIT<br>(except for  | Rust,<br>Shot Hole or<br>Freckle  | All States                                  | 150g / 100L<br><b>or</b><br>3-6kg / ha                          | 14  | Apply at early blossom. Apply at full bloom, petal fall and shuck fall. And then at intervals of 14 days.   |
| early plums<br>such as<br>Wilson)  | Brown Rot   | VIC, TAS, SA<br>& NSW only                  |   |     |   |
| Nectarines   |   | SA & TAS only                               | 150-200g / 100L<br><b>or</b>                                    |     | Spray at early bloom (1-10%), mid to full bloom (50-100%), petal fall and shuck fall, then at intervals of 14 days.   |
| Almonds  |   | SA<br>only                                  | 3-6kg / ha  |     |   |
| Bananas  | Black Pit,<br>Cordana Leaf Spot,<br>Fruit Speckle,<br>Leaf Speckle (supression) | QLD<br>only                                 | 1.25kg plus 4-6L / ha of DC Tron or BP Banana Misting Oil       | 1   | Apply when weather conditions favour disease outbreak. Repeat treatments in accordance with locally recommended spray schedules.  North Queensland: Apply every two weeks during the wet season.  Extend to three weeks after this and then four to five weeks during the drier months, returning to three weeks prior to the next wet season.  South Queensland: Apply at three week intervals from December or January until May. |
|  | Leaf Spot (Sigatoka<br>Disease)<br>(Mycosphaerella musicola)                    | QLD & WA<br>only                            | 2.2-4.5kg<br><b>plus</b><br>4L / ha<br>oil as above             | 14  | Note: If the 14 day interval is extended due to rain or other factors, it is recommended that a systemic eradicatant fungicide be integrated within the basic spray program.  KDPC Mancozeb WP should be applied again 7 days after the last eradicant application and then continued on the 14 day schedule.   |
|  | Black Pit,<br>Cordana Leaf Spot,<br>Fruit Speckle,<br>Leaf Speckle              | QLD<br>only                                 | 2.2kg<br><b>plus</b><br>4L / ha<br>oil as above                 |     |   |
|  | Anthracnose<br>(Coleotrichum musae)   | NSW<br>only                                 | 2.2-3.5kg<br><b>plus</b><br>4L oil / ha                         |     |   |
|  | Leaf Spot (Sigatoka<br>Disease)<br>(Mycosphaerella musicola)                    | NSW<br>only                                 | 2.2kg<br><b>plus</b><br>4L oil / ha                             |     |   |
| Celery   | Septoria Leaf Spot  | All States                                  | 150-200g / 100L<br><b>or</b><br>1.7-2.2kg / ha                  | 7   | Apply when disease first appears and then repeat at 7-10 day intervals. Under severe disease conditions use shorter spray intervals and higher rate of application. Add wetting agent.  |
| Beans<br>French &<br>Faba  | Rust,<br>Anthracnose  | All States                                  | 150-200g / 100L<br><b>or</b><br>1.7-2.2kg / ha                  | 7   | Apply when disease first appears and then repeat treatment at 7-10 day intervals. Under severe disease conditions, use shorter spray intervals and higher rate of application.  |
|  | Angular Leaf Spot   | QLD & NSW only                              |   |     | Spray at first signs of disease. Repeat at 7-10 day intervals.  |
|  | Chocolate Spot<br>(Botrytis fabae)  | NSW, TAS, SA<br>& VIC only                  |   |     | For improved coverage and spray retention add a spreader-sticker at recommended label rates   |
|  | Supression of Leaf Blight (Ascochyta fabae)                                     | NSW, TAS & SA<br>only                       |   |     |   |
|  | Rust<br>(Uranyces Viciae Fabae)   | NSW, TAS, VIC<br>& SA only                  |   |     |   |
| Citrus   | Black Spot  | NSW, VIC, SA<br>& TAS only                  | 200g<br>plus<br>250ml Summer<br>Oil / 100L<br>or<br>8-16kg / ha | 14  | On heavy soil: Spray at 8 and 15 weeks following Bordeaux (5-5-100) spray at petal fall.  On light soil: Spray at 6 and 13 weeks following Bordeaux (3.5-3.5-100) spray plus 12ml wetting agent at petal fall.  |
|  |   | QLD only                                    | 200g<br><b>plus</b><br>600ml Summer                             |     | Apply 6 and 12 weeks after petal fall following Bordeaux mixture (8-8-100) or copper oxychloride at 1/2 to 3/4 petal fall.  |
|  | Brown Citrus Mite,<br>Citrus Rust Mite  |   | Oil / 100L  |     | Apply at first sign of mite activity on fruit usually between December and May.   |
|  | Citrus Bud Mite   |   |   |     | Apply when blossom malformation is observed between December and May.   |
| Cucumbers,<br>Pumpkin,<br>Cantaloupes,<br>Melons,<br>Squash,<br>Zucchini | Downy Mildew,<br>Anthracnose,<br>Gummy Stem Blight                              | All States                                  | 150-200g<br><b>or</b><br>1.7-2.2kg / ha                         | 7   | Apply when disease symptoms first appear and then repeat at 7-10 day intervals. Use the higher rate and shorter spray interval during weather conditions favourable to disease development.   |
| Pumpkin  | Septoria Leaf Spot  | QLD only                                    |   |     |   |
| Grapes   | Black Spot  | All States                                  | 200g / 100L<br><b>or</b>  | 14  | Apply every 10-14 days starting at budburst.  |
|  | Downy Mildew  | QLD, NSW, VIC,<br>SA & TAS only             | 2-3kg / ha  |     | Apply at intervals of 10-14 days starting when shoots are 15-20cm long.   |
|  | Dead Arm  | QLD only                                    | 150-200g / 100L<br><b>or</b><br>2-3kg / ha                      |     | Spray at budburst and then repeat 7-10 days later.  |
| Mangoes  | Anthracnose   | QLD & NSW<br>only                           | 200g / 100L<br><b>or</b><br>2-3kg / ha                          | 14  | Apply at weekly intervals during flowering and then at monthly intervals until near harvest. For improved coverage and spray retention, add an approved wetting or sticking agent at the recommended rate.  |

#### **Concentrate and Ground Application Sprays**

May be applied as a concentrate spray through low volume air blast equipment or as a ground application through spray booms.

The rate must be increased to ensure that the correct amount is applied per hectare. Use the higher rate on larger plants.

Check the Directions for Use for the rates required in specific crop situations.

#### **FUNGICIDE RESISTANCE WARNING**

GROUP M3 FUNGICIDE

KDPC Mancozeb is a member of the Multi-site activity group of fungicides.

Some naturally occurring individual fungi resistant to the product and other Group M3 Fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi will not be controlled by this product or other Group M3 Fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi is difficult to detect prior to use, KD Plant Care accepts no liability for any losses that may result from the failure of this product to control resistant fungi.

## PROTECTION OF LIVESTOCK, WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT:

Dangerous to fish. Do not contaminate streams, rivers or waterways with the chemical or used containers.

#### STORAGE AND DISPOSAL: KEEP OUT OF REACH OF CHILDREN

Store in the closed, original container in a dry, as cool as possible, well-ventilated area out of direct sunlight. This product is stable for a minimum of two (2) years if stored as indicated above.

Shake bag contents into spray tank until the bag is empty. Do not dispose of undiluted chemicals on site. Puncture or shred and bury empty bags in a local authority landfill. If an approved waste management facility is not available bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots in compliance with the relevant Local, State or Territory government regulations. Do not burn empty containers or product.

#### SAFETY DIRECTIONS:

May irritate the eyes, nose, throat and skin. Avoid contact with eyes and skin. Do not inhale dust or spray mist. Wash hands after use.

#### FIRST AID:

If poisoning occurs, contact a doctor or Poisons Information Centre Ph: 13 11 26. Avoid giving alcohol.

#### SAFETY DATA SHEET:

Additional information is listed in the Safety Data Sheet available from KD Plant Care.

#### **Conditions of sale**

The product as supplied is of high grade and believed to be suitable for any purpose for which it is expressly supplied and must be used in accordance with the directions for use given on this label. No responsibility is accepted in respect of this product, save those non excludable conditions implied by the Trade Practices Act or any applicable State Legislation.

**APVMA Approval No:** 66679 / 54178

## GHS STATEMENTS

May cause an allergic skin reaction. May cause respiratory irritation. Suspected of damaging the unborn child. Very toxic to aquatic life.

| CROP   | DISEASE<br>CONTROLLED  | STATE                          | RATE /<br>100L<br>or<br>PER HA                                 | WHP<br>DAYS | CRITICAL COMMENTS   |
|--|--|--------------------------------|--|-------------|---|
| Onion<br>- Bulb                                  | Downy Mildew   | All States                     | 2.2-3.5kg / ha   | 7           | Apply at first sign of disease. Repeat at 7-10 day intervals during period of high risk.  |
|  | Purple Blotch  | QLD only                       |  |             |   |
| Chrysanthemums,<br>Gladioli                      | Botrtytis or<br>Septoria Leaf Blights,<br>Grey Mould           | All States                     | 150-200g / 100L  | -           | Spray at first sign of disease and repeat at 7-10 day intervals as required.  |
| Passionfruit                                     | Brown Spot<br>(Alternaria passiflorae),<br>Septoria Spot       | QLD<br>only                    | 150g / 100L<br>water<br><b>or</b><br>1.7kg / ha                | 14          | Apply at 10-14 day intervals from October to May and every 21-28 days for remainder of year.  |
|  | Anthracnose  | NSW<br>only                    | 200g<br>plus<br>600ml Summer<br>Oil / 100L<br>or<br>2-3kg / ha |             | Spray at weekly intervals during flowering and then fortnightly until near harvest.   |
| Peanuts  | Cercospora Leaf Spot   | WA, NSW &<br>QLD only          | 1.7-2.2kg<br><b>plus</b>                                       | 14          | Apply at intervals of 10-14 days starting when the peanut crop is approximately 8 weeks old.  |
|  | Peanut Rust  |                                | 70ml<br>Spreader<br>Sticker / ha                               |             | Apply at intervals of 7-10 days starting when the peanut crop is approximately 8 weeks old.   |
| Potatoes   | Early & Late Blight  | All States                     | 1.7-2.2kg / ha   | 7           | Apply when disease symptoms first appear or when plants are 5-15cm high. Repeat at 7-10 day intervals. Use the shorter interval and/or higher rate under severe disease conditions. |
| Roses  | Black Spot   | All States                     | 150-200g / 100L  | -           | Spray at first sign of disease and repeat at 7-10 day intervals after flowering.  |
| Rhubarb  | Downy Mildew   | All States                     | 150-200g / 100L  | 14          | Apply when disease first threatens and then at 7-10 day intervals.  |
|  | Rust   | NSW only                       | <b>or</b><br>1.7-2.2kg / ha                                    |             |   |
| Soybeans   | Soybean Rust   | All States                     | 2.2kg / ha   | 7           | Apply when disease first appears and then at 7 day intervals after flowering.   |
| Tomatoes   | Early & Late Blight,<br>Leaf Mould,<br>Anthracnose             | All States                     | 1.7-3.5kg / ha   | 14          | Do not apply to seedlings before transplanting. Begin application when disease first appears. Repeat at 7-10 day intervals throughout the season.                                   |
|  | Grey Leaf Spot,<br>Phoma Rot                                   | NSW & QLD<br>only              | 2-3kg / ha   |             |   |
| Turf   | Helminthosporium<br>Disease Patch,<br>Rhizoctonia Brown Patch  | All States                     | 180-250g /<br>100m²  | -           | Apply every 7 days when conditions favour disease spread.  Apply in sufficient water to obtain adequate coverage of area to be treated.   |
| VEGETABLES<br>Beetroot<br>Silver Beet<br>Spinich | Cercospora Leaf Spot,<br>Downy Mildew                          | All States                     | 150-200g / 100L  | 14          | Apply when disease first threatens and repeat at 7-10 day intervals.  |
| Brussel Sprouts<br>Cabbage<br>Cauliflower        | Downy Mildew,<br>Anthracnose,<br>Alternaria Spot,<br>Ring Spot |                                |  | 7           |   |
| Lettuce  |  |                                |  | 14          |   |
| Broccoli   |  | NSW, WA, TAS,<br>SA & QLD only | 1.7-2kg / ha   | 7           | Spray at first sign of disease.<br>Repeat at 7-10 day intervals.  |

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION

#### WITHHOLDING PERIOD:

- BEANS, BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CANTALOUPE, CARROTS, CAULIFLOWER, CELERY, CUCUMBER, MELON, ONIONS, POTATOES, PUMPKINS, SOYBEANS, SQUASH, ZUCCHINI:

  DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION
- BANANAS

DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION WHERE THE APPLICATION RATE HAS BEEN 2.2kg/HA AND ABOVE. DO NOT HARVEST FOR 1 DAY AFTER APPLICATION WHERE 1.2kg/HA HAS BEEN APPLIED

- ALMONDS, APPLES, APRICOTS, BEETROOT, CITRUS, GRAPE, LETTUCE, MANGOES, NECTARINES, PASSIONFRUIT, PEACHES, PEANUTS, PEARS, PLUMS, RHUBARB, SILVER BEET, SPINACH, TOMATOES:

  DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.
- DO NOT GRAZE LIVESTOCK ON PEANUT CROPS TREATED WITH MANCOZEB WP OR FEED TREATED CROPS AND/OR TRASH TO LIVESTOCK.
- · DO NOT FEED GRASS CLIPPINGS FROM TREATED AREAS TO POULTRY OR ANIMALS.