

# Coprox WP

A Wettable powder for the control of fungus diseases as listed on label

Malawian Reg. No. MW/PCB/2020/R/0128

**ACTIVE INGREDIENT:**

Copper Oxychloride .....850g/kg  
(Equivalent to 50 % metallic copper)

**REGISTRATION HOLDER:**

**Nulandis® (A division of AECI Limited)**

Reg. No. 1924/002590/06

P.O. Box 14418

Witfield, 1467

Tel : +27 11 823 8000

IN CASE OF POISONING PLEASE PHONE +27 21 931-6129

U.N Number: 3077



**WARNINGS:**

**ALLOW THE FOLLOWING WITHHOLDING PERIODS WHEN COPROX WP IS USED ON HARVEST AND FODDER CROPS:**

|                                                                                                                                                                       |                   |
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| <b>CELERY</b>                                                                                                                                                         | <b>1 DAY</b>      |
| <b>BEANS, CRUCIFERAE, CUCURBITS, GRANADILLA, PEPPERS, TOMATOES</b>                                                                                                    | <b>3 DAYS</b>     |
| <b>APPLES, PEARS, APRICOTS, AVOCADOS, BOYSENBERRIES &amp; YOUNGBERRIES, CHERRIES, CITRUS, COFFEE, GUAVAS, MANGOES, OLIVES, PEACHES, PLUMS, POTATOES, STRAWBERRIES</b> | <b>14 DAYS</b>    |
| <b>WINE GRAPES</b>                                                                                                                                                    | <b>21 DAYS</b>    |
| <b>TABLE GRAPES</b>                                                                                                                                                   | <b>28-42 DAYS</b> |

**WARNINGS:**

Keep out of reach of children, uninformed people and animals.

Toxic to fish, bees and wildlife.

Store in a cool place away from food and feedstuff.

Aerial Application: Notify all inhabitants in the immediate vicinity of the area to be sprayed and issue the necessary warnings. Prevent contamination of adjacent areas or water due to drifting. Do not spray over water or adjacent areas.

**PRECAUTIONS:**

Avoid contamination of eating utensils, food, drinking water and feedstuff.

Do not eat, drink or smoke whilst mixing or applying or before washing hands and face thoroughly with water and soap.

Do not inhale dust of spray mist. Wear rubber gloves and goggles when preparing spray mixture.

Avoid drift onto other crops, grazing, rivers, dams and areas not under treatment.

Clean all spray applicators thoroughly after spraying.

Dispose of wash water where it will not contaminate foods, grazing and water.

Shake the container out properly before destroying the empty container in such a way that it cannot be used for any other purposes.

**DIRECTIONS OF USE:**

Use only as directed

**COMPATIBILITY:**

Compatible with wettable powders of diclofol, mancozeb, wettable sulphur, zinc oxide and manganese sulphate. Must be used with caution in combination with mercaptothion and captab. Not compatible with lime sulphur.

**MIXING AND APPLICATION INSTRUCTIONS:**

Mix the required amount of COPROX WP with a small volume of water to obtain thin paste. Add the paste to the required amount of water, stirring continuously to ensure a homogenous mix. Keep stirring vigorously whilst applying. Wash pump and spray tank thoroughly after application and ensure that no COPROX WP remains in the container.

Apply COPROX WP as a full cover application and ensure coverage of both leaf surfaces. COPROX WP is a preventive remedy and applications may be made at the first signs of an infestation.

| CROP / DISEASE                                                            | DOSAGE /<br>100ℓ water<br>or as<br>indicated | REMARKS                                                                                                                                                                                                                                                                                                                                     |
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| <b>APPLES &amp; PEARS</b><br>Scab (Fusicfadium)                           | 250g                                         | Use only at early green tip stage on apples and only at early green tip to advanced green tip on pears.                                                                                                                                                                                                                                     |
| <b>APPRICOTS</b> Bacterial canker                                         | 400-500g                                     | Use higher concentration in autumn and lower concentration at bud movement. Depending on the severity of infection the previous season, apply one or two sprays at 50% and/or 75% leaf drop. If twig and bud infection was observed before bud movement apply and additional spray at bud movement. Add 200g spay lime / 100ℓ spay mixture. |
| Bacterial Spot                                                            | 100 – 400g                                   | <b>Post-Harvest:</b> Apply at 200 g + 200 g spray lime/100L water at 75% leaf drop. <b>Dormant Period:</b> Apply at 400 g concentration. <b>90-100% Petal fall:</b> Apply at 100 – 400 g spray lime /100ℓ water                                                                                                                             |
| Gum Spot                                                                  | 400 – 500g                                   | Apply at 75% leaf drop at bud movement. Use 200 g spray lime with every 100ℓ spray mix. Repeat at 10 – 14 day intervals if weather remains rainy.                                                                                                                                                                                           |
| <b>AVOCADOS</b><br>Fruit Spot                                             | 300g                                         | Apply three full cover sprays. First application middle/end November and repeat at 4 week intervals.                                                                                                                                                                                                                                        |
| <b>BEANS</b><br>Bacterial blight                                          | 400g                                         | Apply regularly every 7-14 days depending on weather.                                                                                                                                                                                                                                                                                       |
| <b>BOYSENBERRIES &amp; YOUNGBERRIES</b>                                   | 600g                                         | Apply from budburst until shoots are 2cm long.                                                                                                                                                                                                                                                                                              |
| <b>CELERY</b><br>Leaf spot                                                | 400g                                         | Full cover application.<br>Apply up to 2000ℓ spray mixture/ha depending on plant size. Repeat at 7-14 day intervals.                                                                                                                                                                                                                        |
| <b>CHERRIES</b><br>Bacterial Canker                                       | 400g                                         | First application at budswell. Repeat after harvest, beginning of leaf drop, 3 weeks later and again when all leaves have dropped.                                                                                                                                                                                                          |
| <b>CITRUS</b><br>Black spot                                               | 200g                                         | <b>Normal season:</b> (less than 75mm during period July to 50% blossom) 3 Applications at 30-35 day intervals.                                                                                                                                                                                                                             |
| Brown rot                                                                 | 200g                                         | <b>Wet season:</b> 4 Applications at 30-35 day intervals<br>Apply 3 weeks before harvest on all fruit up to 1 meter above the soil surface. Spray also stem and soil surface underneath the tree.                                                                                                                                           |
| Melanose                                                                  | 200g                                         | <b>Normal season:</b> (less than 75mm during period July to 50% blossom) 3 Applications at 30-35 day intervals.                                                                                                                                                                                                                             |
| Scab                                                                      | 200g                                         | <b>Wet season:</b> 4 Applications at 30-35 day intervals<br>Apply to commercial lemons and/or limes nearby orange trees have dropped 75-100% of their petals.                                                                                                                                                                               |
| <b>COFFEE</b><br>Rust                                                     | 750g                                         | Full cover spray commencing in October/November. Apply 4-5 sprays at 4 week intervals. Use at least 1000ℓ spray mixture/ha.                                                                                                                                                                                                                 |
| <b>COTTON</b><br>Anthracnose<br>Bacterial blight<br>Boll rot and Root rot | 120g /<br>100kg seed                         | Only for use on aphid delinted seeds. Mix slowly with seed. Can be used either as a dry or slurry treatment.                                                                                                                                                                                                                                |
| <b>CRUCIFERAE</b><br>Bacterial sot<br>Downy Mildew                        | 400g<br>400g                                 | Apply ever 7-14 days. Ensure good coverage. Mainly disease of seedlings. Spray seedlings every 7-14 days. Ensure complete light coverage of entire plant.                                                                                                                                                                                   |
| <b>CUCURBITS</b><br>Downy Mildew                                          | 300g                                         | Start application at first sign of disease. Repeat weekly as long as weather favours development of disease. Depending on foliage cover apply up to 1500ℓ spray                                                                                                                                                                             |

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|                                                                                          |          | mixture/ha. Ensure coverage of both upper and lower leaf surface.                                                                                                                                                                                                                                                                                 |
| <b>GRANADILLA</b>                                                                        | 300g     | Apply at first sign of disease and repeat 14days later. Depending on plant size spray up to 2000ℓ mixture/ha.                                                                                                                                                                                                                                     |
| <b>GRAPES</b><br>Antracnose                                                              | 500g     | Winter rainfall region. Apply first application when shoots are 1-2cm long and again when shoots are 10cm long. Thereafter apply 2-3 times at 2-3 week intervals.                                                                                                                                                                                 |
| Bacterial blight                                                                         | 500g     | Apply first application when shoots are 1-2cm long. Thereafter apply 2-3 times at 2-3 week intervals.                                                                                                                                                                                                                                             |
| Botrytis rot                                                                             | 400g     | Apply just before bunches start closing tight.                                                                                                                                                                                                                                                                                                    |
| Dead arm                                                                                 | 400-500g | Use 250-500ℓ spray mixture/ha. Apply when longest shoots are 1-2cm. Through wetting is important. Repeat at 8-10 day intervals.                                                                                                                                                                                                                   |
| Downy mildew                                                                             | 500g     | Use 250-500ℓ spray mixture/ha.<br><b>Pre-blossom:</b> Apply 2 or more applications at 7-14 day intervals depending on weather conditions.<br><b>Blossom – 80% calyx fall:</b> Apply only if blossoming period is longer than 14 days.<br><b>Post Bloom:</b> Apply two or more applications at 7-14 day intervals depending on weather conditions. |
| <b>GUAVAS</b><br>Lumpy disease and blossom-end rot                                       | 200g     | Full cover application in the early stage, until fruit begins to swell. Apply 30 day intervals for protection against lumpy disease.                                                                                                                                                                                                              |
| Wilting disease                                                                          | 250g     | Sterilise lug boxes by dipping into suspension to prevent spread of disease to clean orchards.                                                                                                                                                                                                                                                    |
| <b>MANGOES</b><br>Anthracnose                                                            | 300g     | Apply 3 weeks after blossoming when fruit are pea to marble size and again when fruit has reached full development.                                                                                                                                                                                                                               |
| Bacterial spot                                                                           | 300g     | Apply from fruit set every 14-28 days depending on weather conditions. May cause russetting of some fibreless mangoes. The addition of a wetting agent is advisable.                                                                                                                                                                              |
| <b>OLIVES</b><br>Anthracnose                                                             | 500g     | First application in Autumn before discolouration of fruit begins. Repeat 2-3 times at monthly intervals.                                                                                                                                                                                                                                         |
| Leaf spot                                                                                | 500g     | Apply in spring before new flus appears and again in the autumn before the start of winter.                                                                                                                                                                                                                                                       |
| <b>ORNAMENTALS AND FLOWERS</b><br>Soil pathogens e.g. damping oil, seed decay, root rot. | 250g     | Apply as a drench at the rate of 1.5ℓ/m <sup>2</sup> soil surface.                                                                                                                                                                                                                                                                                |
| Downy mildew and various leaf spot diseases, Rust                                        | 500g     | Apply every 7-14 days depending on weather conditions favourable for disease. Ensure complete coverage.                                                                                                                                                                                                                                           |
| <b>ROSES</b><br>Black spot                                                               | 300g     | Full cover application when first symptoms are noticed and repeat weekly. Applications may be discontinued when dry period is experienced.                                                                                                                                                                                                        |
| <b>PEACHES</b><br>Bacterial canker<br>Bacterial spot                                     | 400-500g | Depending on severity of infection the previous season, apply one or two sprays at 50% and/or 75% leaf drop. If twig and bud infections are observed before bud movement. Apply additional spray at bud movement. Use higher concentration in Autumn and lower concentration at bud movement. Add 200g spray lime/100ℓ spray mixture.             |
| Gum spot                                                                                 | 400-500g | <b>Bud movement:</b> When twigs and buds are infected use at the rate of 400-500g/100ℓ water.<br><b>50% leaf drop:</b> When infection was light or heavy in the previous season use the spray mixture at 400-500g + 200g Spray lime per 100ℓ water.                                                                                               |
| Leaf curl                                                                                | 500g     | Apply as a single spray at budswell.                                                                                                                                                                                                                                                                                                              |

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| <b>PEPPERS</b><br>Bacterial spot                                 | 400g                      | Full cover spray as soon as symptoms are noticed. Repeat at 7-10 day intervals depending on weather conditions.                                                                                                                                                                                                                                                   |
| <b>PLUMS</b><br>Bacterial canker                                 | 400-500g                  | Depending on severity of infection the previous season, apply one or two sprays at 50% and/or 75% leaf drop. If twig and bud infections are observed before bud movement. Apply additional spray at bud movement. Use higher concentration in Autumn and lower concentration at bud movement. Add 200g spray lime/100l spray mixture.                             |
| Bacterial spot                                                   | 100-400g                  | <b>Post-harvest:</b> Apply 200g+200g spray lime per 100l water at 75% leaf drop.<br><b>Dormant period:</b> Apply at 300g concentration.<br><b>90-100% petal fall:</b> Apply at 100g + 400g spray lime / 100l water.                                                                                                                                               |
| Gum spot                                                         | 400-500g                  | Apply at 75% leaf drop and again at bud movement.                                                                                                                                                                                                                                                                                                                 |
| <b>POTATOES</b><br>Early blight<br>Late blight                   | 500g<br><br>2.5-7.5 kg/ha | <b>Ground application:</b> Commence spraying before or just when first symptoms are noticed. Apply every 7-10 days depending on weather conditions, which favour development of the disease. Depending on plant size, apply 500-1500 l spray mixture/ha to obtain full coverage on both upper and lower leaf surfaces.<br><b>Aerial application:</b> 30l water/ha |
| <b>STRAWBERRIES</b><br>Leaf spot                                 | 250g                      | Apply every 10-14 days, depending on severity of disease.                                                                                                                                                                                                                                                                                                         |
| <b>TOBACCO</b><br>Wild fire                                      | 250g                      | Seedbeds: Apply at the rate of 12l / 3mx3m. Ensure full coverage.                                                                                                                                                                                                                                                                                                 |
| <b>TOMATOES</b><br>Bacterial spot<br>Early blight<br>Late blight | 500g                      | Start application shortly after transplant when plants are about 15cm and before symptoms appear. Apply every 7-10 days depending on weather conditions favourable for development of the disease. Depending on plant size apply 500-2000l spray mixture/ha to obtain full coverage on both upper and lower leaf surfaces.                                        |
| <b>WALNUTS</b><br>Bacterial blight                               | 150-300g                  | Apply first spray at early pre-blossom stage using concentration of 300g. Apply second using concentration of 200g at late blossom stage and a final spray using concentration of 150g at full petal drop.                                                                                                                                                        |