

# PREV-AM<sup>®</sup>

READ THE ATTACHED PACKAGED LEAFLET BEFORE USE • KEEP OUT OF REACH OF CHILDREN AND ANIMALS

ACT / WET 36 / 1947 REG. No NAM N-AR 1303

## PESTICIDE

A soluble liquid pesticide for the control of insects, mites, and diseases as indicated in specified crops.



### WARNING

#### HAZARD STATEMENTS:

- May cause an allergic skin reaction
- Causes serious eye irritation
- Harmful if inhaled
- Harmful to aquatic life

#### PRECAUTIONARY STATEMENTS:

- Do not eat, drink or smoke when using this product
- Wash after use
- Avoid release to the environment
- Wear eye protection

## ACTIVE INGREDIENTS

Orange oil

50 g/l

#### REGISTRATION HOLDER:

**Oro Agri SA (Pty) Ltd.**

REG. No 2001/027414/07

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GRIFFON POISON INFO CENTRE +27 82 446 8946

#### SEE CONTAINER FOR:

NETMASS/BATCHNO./MANUFACTURINGDATE

 **Rovensa  
Next**



CAUTION • VERSIGTIG



### WARNINGS

- MAY CAUSE AN ALLERGIC SKIN REACTION.
- CAUSES SERIOUS EYE IRRITATION.
- HARMFUL IF INHALED.
- HARMFUL TO AQUATIC LIFE.
- STORE IN A COOL, DRY PLACE AWAY FROM FOOD AND FEEDS.
- RE-ENTRY: Do not enter the treated area before the spray deposit has dried unless wearing protective clothing.
- Keep out of reach of children, uninformed persons, and animals.

### PRECAUTIONS

- DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT.
- WASH AFTER USE.
- AVOID RELEASE TO THE ENVIRONMENT.
- WEAR EYE PROTECTION.
- IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ ATTENTION.
- IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ ATTENTION.
- Wash contaminated clothing daily.
- Do not eat, drink, or smoke whilst applying or preparing the spray mix, or before washing your face and hands.
- Prevent drift of spray mist onto other crops, grazing, rivers, dams, and areas not under treatment.
- Clean applicator after use and dispose of water where it will not contaminate rivers, dams, grazing, and crops.
- Prevent contamination of food, feeds, drinking water, and eating utensils.
- Empty all pesticides from the container by placing it upside down over the spray tank and holding it there for at least 30 seconds.
- Triple rinse statement:
  - Fill empty container with one quarter of clean water
  - Shake for 30 seconds
  - Decant into spray tank for 30 seconds
- NEVER USE THE CONTAINER FOR ANY OTHER PURPOSE. Puncture the rinsed container to render it useless and send it to a CropLife SA-approved recycler. PET containers cannot be recycled and must be incinerated after cleaning.

**DISCLAIMER:** Although this remedy has been extensively tested under a large variety of conditions the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal climatic and storage conditions; quality of dilution water; compatibility with other substances not indicated on the label as well as by the method, time and accuracy of the application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions, which could not have been foreseen in terms of the registration.

Consult the supplier or registration holder in the event of any uncertainty.

**CONSULT THE SUPPLIER OR REGISTRATION HOLDER IN THE EVENT OF ANY UNCERTAINTY.**

### RELEVANT SUBSTANCES

- Alcohols, C10-16, ethoxylated, sulphates, sodium salts > 10 %; Alcohol ethoxylate (non-ionic surfactant) > 5 %; Orange oil > 5 %; Sodium hydroxide > 0.5 %

### FIRST AID

- IN CASE OF INHALATION:**

If breathed in, move person into the fresh air. If not breathing, give artificial respiration. In case of discomfort seek medical attention.

- IN CASE OF SKIN CONTACT:**

Remove contaminated clothing; wash affected area with water for 15 minutes. In case of discomfort or irritation seek medical attention.

- IN CASE OF EYE CONTACT**

Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. Seek medical advice if symptoms or irritation persist.

- IN CASE OF INGESTION:**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention if you feel unwell.

## MODE OF ACTION

- **PREV-AM**® is a contact insecticide/fungicide with no residual activity and as such should be used as a direct contact application at first sight of insects or disease.

## COMPATABILITY

- Experience has shown that **PREV-AM**® is compatible with most crop protection products and foliar fertilizers.
- Do not mix **PREV-AM**® with other products unless prior tests (including small-scale phytotoxicity tests) have shown the combination to be physically compatible, effective, and non-injurious to the target crop under local conditions.
- A phytotoxicity test must also be done if visible residues of previously applied crop protection chemicals or foliar fertilizers are present on fruit, as these may be loosened by the **PREV-AM**® application and washed down to collect in a droplet, thus increasing the risk of phytotoxic blemishes on the fruit.
- If in doubt, consult the technical representative of the distributor.
- Ensure that the spray tank and hoses are properly cleaned inside before applying **PREV-AM**®, as the product may loosen residues and adsorbed materials of old products which could contaminate the spray mixture.
- In the event of any of these prescriptions not having been followed, the Manufacturer and its Distributors accept no responsibility for any possible damage or harmful consequences that may ensue.
- Although **PREV-AM**® has been exempted from maximum residue levels (MRL) and has no pre-harvest withholding period, consult the labels of tank-mix products to ensure adherence to withholding periods between the last application and harvest periods of these products.

## DIRECTIONS FOR USE

### USE ONLY AS DIRECTED

### GROUND APPLICATION

### ONLY SUITABLE APPLICATION EQUIPMENT MUST BE USED

- **FOR THE APPLICATION OF SPRAYS IN TUNNEL GROWING OR OPEN FIELD CROPS, THE EVEN DISTRIBUTION OF THE DROPLETS IS OF THE UTMOST IMPORTANCE.**
- Care must be taken to ensure that both surfaces of the leaves are thoroughly wet, up to just before the point of run-off. **DO NOT SPRAY UNTIL DRIPPING WET, AS THIS MIGHT CAUSE THE COLLECTION OF TOO MUCH PRODUCT IN PLACES.**
- **PREV-AM**® only acts as a contact insecticide/fungicide – it is, therefore, essential that the spray solution make direct contact with the insect (in any stage of its development cycle) or with the disease organism during application.
- Applications by suitable tractor-mounted sprayers must ensure that a thorough wetting of both the top and bottom surfaces of the leaves is achieved.
- The use of conventional tractor boom-sprayers usually does not achieve adequate wetting of the bottoms of the leaves. The use of a mist-blower, tractor sprayer, or any other sprayer with which the spray mist could be blown into the crop or leaves (where an oscillating mechanism will be an added advantage), is recommended.

# DOSAGE RATES

## CUCURBITS

| PEST / DISEASE   | APPLICATION RATE   | REMARKS   |
|--|--|---|
| <b>Whitefly</b><br><i>Bemisia tabaci</i>               | <b>0.5 l PREV-AM®</b><br>per 100 l water<br>0.5 % solution | <ul style="list-style-type: none"><li>• Applications should start within three weeks after emergence of seedlings and continued as a weekly spray programme (7-day intervals) as long as needed.</li><li>• Thorough wetting of both sides of the leaves must be ensured at all times.</li></ul> |
| <b>Powdery Mildew</b><br><i>Sphaerotheca fuliginea</i> | <b>0.5 l PREV-AM®</b><br>per 100 l water<br>0.5 % solution | <ul style="list-style-type: none"><li>• <b>DO NOT SPRAY TO THE POINT OF RUN-OFF.</b></li><li>• <b>RECOMMENDED SPRAY VOLUME: 500 l/ha</b></li></ul>  |

# CITRUS

| PEST / DISEASE  | APPLICATION RATE   | REMARKS   |
|---|--|---|
|   | <p><b>0.1 l PREV-AM® + 150 g mancozeb 800WP + 20-30 ml azoxystrobin 250SC</b></p> <p><b>OR</b></p> <p><b>10 ml pyraclostrobin 250EC</b></p> <p>per 100 l water</p> | <ul style="list-style-type: none"> <li>• A preventative programme for the control of citrus black spot should commence with a <i>mancozeb 800WP</i> application (as registered) at fruit set.</li> <li>• Apply the first <b>PREV-AM® + mancozeb 800WP + azoxystrobin 250SC</b> or <i>pyraclostrobin 250EC</i> application no later than 24 days after the last <i>mancozeb 800WP</i> application, and follow up with a second <b>PREV-AM® + mancozeb 800WP + azoxystrobin 250SC</b> or <i>pyraclostrobin 250EC</i> application 6 weeks later.</li> <li>• Complete the program with a <i>mancozeb 800WP</i> application (as registered) no later than 6 weeks after the second <b>PREV-AM® + mancozeb 800WP + azoxystrobin 250SC</b> or <i>pyraclostrobin 250EC</i> application.</li> <li>• Apply as high volume applications to ensure proper coverage of fruit to be protected, and use the higher rate of <i>azoxystrobin 250SC</i> if conditions are favourable for black spot development or high infection levels were experienced the previous season.</li> <li>• <b>NOTE:</b> Consult the <i>mancozeb 800WP</i>, <i>azoxystrobin 250SC</i> or <i>pyraclostrobin 250EC</i> labels for details.</li> </ul> |
| <p><b>Citrus Black Spot</b></p> <p><i>Guignardia citricarpa</i></p> | <p><b>0.1 l PREV-AM® + 150 g mancozeb 800WP</b></p> <p>per 100 l water</p>   | <ul style="list-style-type: none"> <li>• Apply not later than 24 days after the <i>mancozeb 800WP</i> application at petal drop (as registered) and repeat 4-5 times at 24 day intervals.</li> <li>• <b>NOTE:</b> Consult the <i>mancozeb 800WP</i> label for details.</li> </ul>   |
|   | <p><b>0.1 l PREV-AM® + 200 g mancozeb 800WP + 50 g benomyl 500WP</b></p> <p>per 100 l water</p>  | <ul style="list-style-type: none"> <li>• Only use <i>benomyl 500WP</i> in orchards where benzimidazole resistance is absent.</li> <li>• Precede the <b>PREV-AM® + mancozeb 800WP + benomyl 500WP</b> application with an application of <i>mancozeb 800WP</i> at 200g / 100 liters of water (as registered) in the last week of October.</li> <li>• Apply one <b>PREV-AM® + mancozeb 800WP + benomyl 500WP</b> application as a full cover spray between the 1<sup>st</sup> and 20<sup>th</sup> of December.</li> <li>• If obtaining sufficient fruit cover is a concern, two sprays of <b>PREV-AM® (0.1 l) + mancozeb 800WP (200g) + benomyl 500WP (25g / 100 l water)</b> can be applied during the last half of November and the first week of January respectively.</li> <li>• <b>NOTE:</b> Consult the <i>mancozeb 800WP</i> and <i>benomyl 500WP</i> labels for details.</li> </ul>   |

| PEST / DISEASE   | APPLICATION RATE   | REMARKS  |
|--|--|--|
| <p><b>Citrus Thrips</b><br/><i>Scirtothrips aurantii</i></p> | <p><b>0.2 ℓ PREV-AM®</b><br/>per 100 ℓ water<br/>0.2% solution</p>             | <ul style="list-style-type: none"> <li>• Apply between 80% and 100% petal drop as preventative application</li> <li>• Since <b>PREV-AM®</b> is not restricted by a pre-harvest interval or maximum residue level, the product can be used as a late corrective application up to harvest, once fruit has fully coloured up.</li> </ul> |
| <p><b>Red Scale</b><br/><i>Aonidiella aurantii</i></p>       | <p><b>0.2 - 0.4 ℓ PREV-AM®</b><br/>per 100 ℓ water<br/>0.2 - 0.4% solution</p> | <ul style="list-style-type: none"> <li>• The use of <b>PREV-AM®</b> for the control of Red Scale should only commence once fruit has fully coloured up.</li> </ul>   |
| <p><b>Citrus Red Mite</b><br/><i>Panonychus citri</i></p>    | <p><b>0.2 ℓ PREV-AM®</b><br/>per 100 ℓ water<br/>0.2% solution</p>             | <ul style="list-style-type: none"> <li>• Apply when the first signs of a red mite infestation is observed.</li> <li>• A repeat application 5 to 7 days after the first is recommended.</li> </ul>  |

Do not apply **PREV-AM®** on Citrus crops at rates exceeding 100 ml/hℓ in the period from 100% petal fall up to and including full colour development.

| PEST / DISEASE  | APPLICATION RATE  | REMARKS  |
|---|---|--|
| <p><b>Mealybug</b><br/><i>Planococcus ficus</i></p>       | <p><b>0.5ℓ PREV-AM®</b><br/>per 100 ℓ water<br/>0.5% solution</p>               | <ul style="list-style-type: none"> <li>• Monitor for mealybug movement and start spray application against mealybug as soon as crawlers are observed on shoots or leaves. Repeat application after 7 days if further crawler movement is observed.</li> <li>• Ants must be controlled separately before mealybug control is done.</li> <li>• <b>RECOMMENDED SPRAY VOLUME:</b> 750ℓ/ha to 1000ℓ/ha, depending on vine size.</li> </ul>  |
| <p><b>Powdery Mildew</b><br/><i>Ucinula necator</i></p>   | <p><b>0.25 - 0.5ℓ PREV-AM®</b><br/>per 100 ℓ water<br/>0.25 - 0.5% solution</p> | <ul style="list-style-type: none"> <li>• A programme for the control of powdery mildew should commence when the longest shoots reach a length of 2-5 cm. Use conventional residual fungicides up to flowering.</li> <li>• The optimal window for use of <b>PREV-AM®</b> will be after flowering up to harvest or during the period when mealybug crawler movement is expected (see mealybug recommendation).</li> <li>• Apply <b>PREV-AM®</b> at 7-10 day intervals as part of a powdery mildew control program, alternating with products with different modes of action. <b>PREV-AM®</b> has a non-specific contact action and is therefore suitable for use in an anti-resistance programme against powdery mildew.</li> <li>• Preferably use a disease forecasting model as well as disease history of the target vineyard as a guideline to assess risk of disease. If this information indicates low disease pressure and low risk, or no symptoms are visible, use the 0.25% dosage rate. When higher disease pressure and higher risk is indicated, or symptoms are already visible, use the 0.5% dosage rate.</li> <li>• Should conditions be favourable for the infection of clusters with green berries, <b>PREV-AM®</b> should be alternated or combined with a suitable systemic fungicide to assist in the protection of the clusters.</li> <li>• <b>RECOMMENDED SPRAY VOLUME:</b> 500 ℓ/ha to 1200 ℓ/ha, depending on vine size.</li> </ul> |
| <p><b>Downy Mildew</b><br/><i>Plasmopara viticola</i></p> | <p><b>0.5ℓ PREV-AM®</b><br/>per 100 ℓ water<br/>0.5% solution</p>               | <ul style="list-style-type: none"> <li>• A programme for the control of downy mildew should commence when the longest shoots reach a length of 10cm. Use conventional residual fungicides for preventative control of downy mildew.</li> <li>• If <b>PREV-AM®</b> is applied at 500mℓ/100ℓ for mealybug or powdery mildew, this spray will also control downy mildew which may be present at the time.</li> <li>• If infection periods for downy mildew are expected after application of <b>PREV-AM®</b>, it should be combined with a preventative residual fungicide as registered.</li> <li>• Ensure thorough wetting of underside of leaves.</li> <li>• <b>RECOMMENDED SPRAY VOLUME:</b> 750ℓ/ha to 1000ℓ/ha, depending on vine size.</li> </ul>  |



**LETTUCE**

WESTERN AND SOUTH CAPE REGIONS ONLY

| PEST / DISEASE                                    | APPLICATION RATE  | REMARKS   |
|---|---|---|
| <b>Downy Mildew</b><br><i>Plasmopara viticola</i> | <b>0.5ℓ PREV-AM®</b><br>per 100 ℓ water<br>0.5 % solution | <ul style="list-style-type: none"> <li>• Start applying at first signs of disease.</li> <li>• A spray programme with 3 - 7 day intervals is recommended.</li> <li>• Thorough wetting of both sides of the leaves must be ensured at all times.</li> <li>• <b>DO NOT SPRAY TO THE POINT OF RUN-OFF.</b></li> <li>• In event of extreme diseases infections levels, the addition of a suitable residual fungicide (as registered) will be required.</li> <li>• <b>RECOMMENDED SPRAY VOLUME:</b> Not less than 500 ℓ/ha</li> </ul> |

**ORNAMENTALS AND ROSES**

| PEST / DISEASE   | APPLICATION RATE  | REMARKS  |
|--|---|--|
| <b>Thrips spp.</b><br><i>Thripidae spp.</i>            | <b>0.5ℓ PREV-AM®</b><br>per 100 ℓ water<br>0.5 % solution |  |
| <b>Aphids</b><br><i>Macrosiphum rosae</i>              |   |  |
| <b>Red Spider Mite</b><br><i>Tetranychus urticae</i>   |   | <ul style="list-style-type: none"> <li>• A spray programme with 3 - 7 day intervals is recommended.</li> <li>• Thorough wetting of both sides of the leaves must be ensured at all times.</li> </ul> |
| <b>Whitefly</b><br><i>Bemisia tabaci</i>               |   | <ul style="list-style-type: none"> <li>• Do a small scale phytotoxicity test on varieties known to be sensitive or prone to phytotoxicity or on newly developed varieties.</li> </ul>                |
| <b>Leaf Hoppers</b><br><i>Jassid spp.</i>              |   | <ul style="list-style-type: none"> <li>• <b>DO NOT SPRAY TO THE POINT OF RUN-OFF.</b></li> </ul>   |
| <b>Powdery Mildew</b><br><i>Sphaerotheca fuliginea</i> |   | <ul style="list-style-type: none"> <li>• <b>RECOMMENDED SPRAY VOLUME:</b> Not less than 250 ℓ/ha</li> </ul>  |

# TOMATOES

| PEST / DISEASE                                   | APPLICATION RATE  | REMARKS  |
|--|---|--|
| <p><b>Whitefly</b><br/><i>Bemisia tabaci</i></p> | <p><b>0.5ℓ PREV-AM®</b><br/>per 100 ℓ water<br/>0.5% solution</p> | <ul style="list-style-type: none"> <li>• Application should start within three weeks after transplanting and continued as a weekly spray programme (7-day intervals) as long as needed.</li> <li>• Ensure thorough wetting of both sides of the leaves at all times.</li> <li>• <b>DO NOT SPRAY TO THE POINT OF RUN-OFF.</b></li> <li>• This treatment for White fly will enhance the control of early and/or late blight, when combined in a tank mixture with a registered fungicide for blight control.</li> <li>• The treatment for whitefly will also control aphids and red spider mites present during an application.</li> <li>• <b>RECOMMENDED SPRAY VOLUME:</b> 500 ℓ/ha, from flowering onwards.</li> </ul> |

## RATES FOR BACKPACK SPRAYERS

| PREV-AM®                  | BACKPACK VOLUME |          |          |
|---------------------------|-----------------|----------|----------|
| Dose per 100 liters water | 10 liter        | 16 liter | 20 liter |
| 100 ml                    | 10 ml           | 16 ml    | 20 ml    |
| 200 ml                    | 20 ml           | 32 ml    | 40 ml    |
| 250 ml                    | 25 ml           | 40 ml    | 50 ml    |
| 500 ml                    | 50 ml           | 80 ml    | 100 ml   |

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ACT / WET 36/1947 REG. No ZAR L7130 BOTS W130842 NAM N-AR 1303

## PLAAGDODER

'n Oplosbare vloeistof plaagdoder vir die beheer van insekte, myte en siektes soos aangedui in gespesifiseerde gewasse.



WAARSKUWING

### GEVAARSTELLINGS:

- Mag 'n allergiese velreaksie veroorsaak
- Veroorsaak ernstige oogirritasie
- Skadelik indien ingeasem
- Skadelik vir waterlewe

### VOORSORGSTELLINGS:

- Moenie eet, drink of rook wanneer hierdie produk gebruik word nie
- Was na gebruik
- Vermoed vrylating na die omgewing
- Dra oogbeskerming

## AKTIEWE BESTANDELE

Lemoenolie

50 g/ℓ

### REGISTRASIE HOUER:

**Oro Agri SA (Pty) Ltd.**

REG. No 2001/027414 / 07

POS 1 Henry Vos Close, ASLA Park, Strand, 7137

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GRIFFON POISON INFO CENTRE +27 82 446 8946

### SIEN HOUER VIR:

NETTO MASSA / LOT NO. /

VERVAARDIGINGSDATUM

**Rovensa  
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CAUTION • VERSIGTIG



### WAARSKUWINGS

- MAG 'N ALLERGIESE VELREAKSIE VEROORSAAK.
- VEROORSAAK ERNSTIGE OOGIRRITASIE.
- SKADELIK INDIEN INGESAEM.
- SKADELIK VIR DIE WATERLEWE.
- BERG OP 'N KOEL, DROË PLEK WEG VAN KOS EN VOERE.
- HERBETREDING: Moenie die behandelde area betree voordat die spuitneerslag droog is nie, tensy beskermende klere gedra word.
- Hou buite bereik van kinders, oningeligte persone en diere.

### VOORSORGMAATREËLS

- MOENIE EET, DRINK OF ROOK WANNEER HIERDIE PRODUK GEBRUIK WORD NIE.
- WAS NA GEBRUIK.
- VERMY VRYSTELLING NA DIE OMGEWING.
- DRA OOGBESKERMING.
- INDIEN VEL IRRITASIE OF UITSLAG VOORKOM: KRY MEDIESE RAAD/ AANDAG.
- INDIEN OOG-IRRITASIE AANHOU: KRY MEDIESE RAAD/ AANDAG.
- Was besoedelde klere daagliks.
- Moenie eet, drink of rook terwyl die spuitmengsel toegedien of voorberei word nie, of voordat u gesig en hande gewas is nie.
- Voorkom wegdrywing van spuitnewel na ander gewasse, weiding, riviere, damme en gebiede wat nie behandel word nie.
- Maak spuitapparaat skoon na gebruik en doen weg met water waar dit nie riviere, damme, weiding en gewasse sal besoedel nie.
- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.
- Maak alle plaagdoders uit die houer leeg deur dit onderstebo oor die spuittenk te plaas en dit vir minstens 30 sekondes daar te hou.
- Drievoudige spoelverklaring:
  - Vul lee houer 'n kwart met skoon water
  - Skud vir 30 sekondes
  - Laat in spuittenk uitloop vir 30 sekondes
- MOET NOOIT DIE HOUER VIR ENIGE ANDER DOEL GEBRUIK NIE. Kap die uitgespoelde houer vol gate om dit nutteloos te maak en stuur dit na 'n CropLife SA-goedgekeurde herwinner. PET-houers kan nie herwin word nie en moet na skoonmaak verbrand word.

ALHOEWEL HIERDIE MIDDEL OMVATTEND ONDER 'N GROOT VERSKEIDENHEID TOESTANDE GETOETS IS, WAARBORG DIE REGISTRASIEHOUER NIE DAT DIT ONDER ALLE TOESTANDE DOELTREFFEND SAL WEES NIE. AANGESIEN DIE WERKING EN EFFEK DAARVAN BEINVOED KAN WORD DEUR FAKTORE SOOS ABNORMALE KLIMAATS- EN BERGINGSTOESTANDE; KWALITEIT VAN VERDUNNINGSWATER; VERENIGBAARHEID MET ANDER STOWWE WAT NIE OP DIE ETIKET AANGEDUI IS NIE, SOWEL AS DIE METODE, TYD EN AKKURAAHEID VAN TOEDIENING. VERDER AANVAAR DIE REGISTRASIEHOUER NIE VERANTWOORDELIKHEID VIR SKADE AAN GEWASSE, PLANTEGROEI, DIE OMGEWING OF VIR NADELIGE EFFEK OP MENS EN DIER OF VIR 'N GEBREK AAN PRESTASIE VAN DIE BETROKKE MIDDEL AS GEVOLG VAN DIE VERSUIM DEUR DIE GEBRUIKER OM ETIKETAANWYSINGS NA TE KOM OF AS GEVOLG VAN DIE ONTSTAAN VAN TOESTANDE WAT NIE KRAGTENS DIE REGISTRASIE VOORSIEN KON WORD NIE.

**RAADPLEEG DIE VERSKAFFER OF REGISTRASIEHOUER IN GEVAL VAN ENIGE ONSEKERHEID.**

### RELEVANTE STOWWE

- Alcohols, C10-16, ethoxylated, sulphates, sodium salts > 10 %; Alcohol ethoxylate (non-ionic surfactant) > 5 %; Orange oil > 5 %; Sodium hydroxide > 0.5 %

### NOODHULP

- IN DIE GEVAL VAN INASEMING:**

Indien ingeasem, beweeg persoon in die vars lug. Indien nie asemhaal nie, gee kunstmatige asemhaling. In geval van ongemak soek mediese hulp.

- IN GEVAL VAN VELKONTAK:**

Verwyder besmette klere; was geaffekteerde area met water vir 15 minute. In geval van ongemak of irritasie soek mediese hulp.

- IN GEVAL VAN OOGKONTAK:**

Spoel oë deeglik uit met water vir 'n paar minute. Verwyder kontaklense na die aanvanklike 1-2 minute en gaan voort om vir 'n paar ekstra minute te spoel. Soek mediese advies indien simptome of irritasie voortduur.

- IN GEVAL VAN INNAME:**

MOENIE braking veroorsaak nie. Moet nooit iets per mond aan 'n bewustelose persoon gee nie. Spoel mond uit met water. Soek mediese hulp as jy ongesteld voel.

## METODE VAN WERKING

- **PREV-AM**® is 'n kontak insekdoder/swamdoder met geen oorblywende aktiwiteit nie en moet as sodanig gebruik word as 'n direkte kontak toediening met die eerste oogopslag van insekte of siektes.

## VERENIGBAARHEID

- Ervaring het getoon dat **PREV-AM**® met die meeste gewasbeskermingsprodukte en blaarbemesting versoenbaar is.
- Moenie **PREV-AM**® met ander produkte meng nie, tensy vorige toetse (insluitend kleinskaalse fitotoksiteitstoetse) getoon het dat die kombinasie fisies versoenbaar, doeltreffend en nie-skadelik vir die teikengewas onder plaaslike toestande is nie.
- 'n Fitotoksiteitstoets moet ook gedoen word indien sigbare oorblyfsels van voorheen toegediende gewasbeskermingsmiddels of blaarbemesting op vrugte aanwesig is, aangesien dit deur die **PREV-AM**® toediening losgemaak kan word en afgespoel kan word om in 'n druppel te versamel, en sodoende die risiko van fitotoksies verhoog vlekke op die vrugte.
- Indien jy twyfel, raadpleeg die tegniese verteenwoordiger van die verspreider.
- Maak seker dat die spuittenk en slange behoorlik binne skoongemaak is voordat **PREV-AM**® toegedien word, aangesien die produk residue en geadsorbeerde materiale van ou produkte wat die spuitmengsel kan besoedel, kan losmaak.
- In die geval waar enige van hierdie voorskrifte nie gevolg is nie, aanvaar die Vervaardiger en sy Verspreiders geen verantwoordelikheid vir enige moontlike skade of skadelike gevolge wat mag intree nie.
- Alhoewel **PREV-AM**® vrygestel is van maksimum residuvlakke (MRL) en geen voor-oes-onthoudingsperiode het nie, raadpleeg die etikette van tenkmengselprodukte om te verseker dat die onthoudingsperiodes tussen die laaste toediening en oesperiodes van hierdie produkte nagekom word.

## GEBRUIKSAANWYSINGS

## GEBRUIK SLEGS SOOS AANGEDUI

### GRONDTOEDIENING

### SLEGS GEPASTE TOEDIENINGSTOERUSTING MOET GEBRUIK WORD

- **VIR DIE TOEDIENING VAN BEDIENINGE IN TONNELGROEIENDE OF OOPLAND GEWASSE IS DIE ELIGE VERSPREIDING VAN DIE DRUPPELS VAN DIE GROOTSTE BELANG.**
- Sorg moet gedra word om te verseker dat beide oppervlaktes van die blare deeglik nat is, tot net voor die punt van afloop.
- **MOENIE SPUIT TOT DRUPPEND NAT NIE, AANGESIEN DIT DIE VERSAMELING VAN TE VEEL PRODUK OP PLEKKE KAN VEROORSAAK.**
- **PREV-AM** dien slegs as 'n kontak insekdoder/swamdoder – dit is dus noodsaaklik dat die spuitoplossing direkte kontak maak met die insek (in enige stadium van sy ontwikkelingsiklus) of met die siekte-organisme tydens toediening.
- Toedienings deur geskikte trekkergemonteerde spuite moet verseker dat 'n deeglike benatting van beide die boonste en onderste oppervlaktes van die blare verkry word.
- Die gebruik van konvensionele trekkerbalkspuite bewerkstellig gewoonlik nie voldoende benatting van die onderkant van die blare nie. Die gebruik van 'n misblaser, trekterspuit, of enige ander spuit waarmee die spuitnewel in die gewas of blare ingeblaas kan word (waar 'n ossillerende meganisme 'n bykomende voordeel sal wees), word aanbeveel.

# DOSSISE

## BLAARSLAAI

SLEGS WES- EN SUID-KAAP GEBIEDE

| PLAAG / SIEKTE                                   | TOEDIENINGSHOEVEELHEID   | OPMERKINGS   |
|--|--|--|
| <b>Donsskimmel</b><br><i>Plasmopara viticola</i> | <b>500 ml PREV-AM®</b><br>per 100 l water<br>0.5% spuitoplossing | <ul style="list-style-type: none"><li>• Begin spuit sodra eerste tekens van siekte verskyn.</li><li>• 'n Spuitprogramme met 3 - 7 dae tussenposes word aanbeveel.</li><li>• Deeglike benatting van beide die bo- en onderkant van blare moet te alle tye verseker word.</li><li>• Onder uitsonderlike siektedruk-toestande, sal die byvoeging van 'n geregistreerde swamdoder met residuele werking benodig word.</li><li>• <b>BESPUIT TOT NET VOORDAT AFLOOP PLAASVIND.</b></li><li>• Let noukeurig op die voorskrifte van die VERENIGBAARHEID paragrawe.</li><li>• <b>AANBEVOLE SPUITVOLUME:</b> Nie minder as 500 l/ha nie.</li></ul> |

## RANKGEWASSE

| PLAAG / SIEKTE   | TOEDIENINGSHOEVEELHEID   | OPMERKINGS  |
|--|--|---|
| <b>Witvlieg</b><br><i>Bemisia tabaci</i>                     | <b>500 ml PREV-AM®</b><br>per 100 l water<br>0.5% spuitoplossing | <ul style="list-style-type: none"><li>• Toediening moet begin binne drie weke nadat saailinge begin opkom en voortgesit word met 'n weeklikse spuitprogramme (7 dae tussenposes), vir so lank as nodig.</li><li>• Deeglike benatting van beide die bo- en onderkant van blare moet te alle tye gedoen word.</li><li>• <b>MOENIE BESPUIT TOT PUNT VAN AFLOOP NIE.</b></li><li>• Let noukeurig op die voorskrifte van die VERENIGBAARHEID paragrawe.</li><li>• <b>AANBEVOLE SPUITVOLUME:</b> 500 l/ha</li></ul> |
| <b>Poeieragtige Skimmel</b><br><i>Sphaerotheca fuliginea</i> |  |   |

# SIERPLANTE EN ROSE

| PLAAG / SIEKTE   | TOEDIENINGSHOEVEELHEID   | OPMERKINGS  |
|--|--|---|
| <b>Blaaspoottjies</b><br><i>Thripidae spp.</i>               |  |   |
| <b>Plantluise</b><br><i>Macrosiphum rosae</i>                |  |   |
| <b>Roospinmyte</b><br><i>Tetranychus urticae</i>             |  |   |
| <b>Witvlieg</b><br><i>Bemisia tabaci</i>                     | <b>500 mℓ PREV-AM®</b><br>per 100 ℓ water<br>0.5% spuitoplossing | <ul style="list-style-type: none"><li>• 'n Spuitprogram met 3 - 7 dae intervalle word aanbeveel.</li><li>• Deeglike benatting van beide die bo- en onderkant van blare te alle tye verseker.</li><li>• <b>BESPUIT TOT NET VOORDAT AFLOOP PLAASVIND.</b></li><li>• Let noukeurig op die voorskrifte van die VERENIGBAARHEID paragrawe.</li><li>• <b>AANBEVOLE SPUITVOLUME:</b> Nie minder as 250 ℓ/ha nie.</li></ul> |
| <b>Bladspringers</b><br><i>Jassid spp.</i>                   |  |   |
| <b>Poeieragtige Skimmel</b><br><i>Sphaerotheca fuliginea</i> |  |   |



# SITRUS

| PLAAG / SIEKTE   | TOEDIENINGSHOEVEELHEID  | OPMERKINGS  |
|--|---|---|
| <b>Blaaspootjies</b><br><i>Scirtothrips aurantii</i>   | <b>200 ml PREV-AM®</b><br>per 100 l water<br>0.2% spuitplossing             | <ul style="list-style-type: none"><li>• Dien tydens 80% en 100% blomblaarval toe as voorkomende behandeling.</li><li>• Aangesien die gebruik van <b>PREV-AM®</b> nie deur 'n voor-oes onthoudingsperiode of maksimum residue vlakke beperk word nie, kan die produk as laat korrektiewe bespuiting op vrugte na volle kleur ontwikkeling tot oestyd gebruik word.</li></ul> |
| <b>Roidopluis</b><br><i>Aonidiella aurantii</i>        | <b>200 - 400 ml PREV-AM®</b><br>per 100 l water<br>0.2 - 0.4% spuitplossing | <ul style="list-style-type: none"><li>• Beperk die gebruik van <b>PREV-AM®</b> vir die beheer van rooi dopluis tot die periode na volle kleur ontwikkeling van die vrugte tot en met oes.</li></ul>   |
| <b>Sitrus<br/>Rooi Myte</b><br><i>Panonychus citri</i> | <b>200 ml PREV-AM®</b><br>per 100 l water<br>0.2% spuitplossing             | <ul style="list-style-type: none"><li>• Dien toe wanneer die eerste tekens van 'n myt infestasië opgemerk word.</li><li>• 'n Opvolgbespuiting 5 tot 7 dae na die eerste word aanbeveel.</li><li>• Let noukeurig op die voorskrifte van die VERENIGBAARHEID paragrawe.</li></ul>   |

| PLAAG / SIEKTE  | TOEDIENINGSHOEVEELHEID   | OPMERKINGS   |
|---|--|--|
| <p><b>Sitrus Swartvlek</b><br/><i>Guignardia citricarpa</i></p> | <p><b>100 mL PREV-AM® + 150g <i>mankoseb 800WP</i> + 20-30mL <i>asoksiestrobien 250SC</i></b><br/><b>OF</b><br/><b>10mL <i>piraklostrobien 250EC</i></b><br/>per 100 l water</p> | <ul style="list-style-type: none"> <li>'n Voorkomende program vir die beheer van sitrus swartvlek behoort 'n aanvang te neem met 'n <i>mankoseb 800WP</i> bespuiting (soos geregistreer) by vrugset.</li> <li>Dien die eerste <b>PREV-AM® + <i>mankoseb 800WP</i> + <i>asoksiestrobien 250SC</i></b> of <i>piraklostrobien 250EC</i> toediening nie later as 24 dae na die laaste <i>mankoseb 800WP</i> toediening toe.</li> <li>Volg op met 'n tweede <b>PREV-AM® + <i>mankoseb 800WP</i> + <i>asoksiestrobien 250SC</i></b> of <i>piraklostrobien 250EC</i> toediening 6 weke later.</li> <li>Voltooi die program met 'n <i>mankoseb 800WP</i> toediening (soos geregistreer) nie later as 6 weke na die tweede <b>PREV-AM® + <i>mankoseb 800WP</i> + <i>asoksiestrobien 250SC</i></b> of <i>piraklostrobien 250EC</i> toediening.</li> <li>Dien as hoë volume toedienings toe ten einde volledige dekking van vrugte wat beskerm moet word, te verseker en gebruik die hoër <i>asoksiestrobien 250SC</i> dosis as toestande gunstig is vir die ontwikkeling van swartvlek, of indien hoë siektedruk die vorige seisoen ondervind is.</li> <li>Let noukeurig op die voorskrifte van die VERENIGBAARHEID paragraaf.</li> <li><b>NOTA:</b> Raadpleeg die <i>mankoseb 800WP</i> en <i>asoksiestrobien 250SC</i> of <i>piraklostrobien 250EC</i> etikette vir detail.</li> </ul> |
|   | <p><b>100 mL PREV-AM® + 150g <i>mankoseb 800WP</i></b><br/>per 100 l water</p>   | <ul style="list-style-type: none"> <li>Dien toe nie later as 24 dae na die aanvanklike <i>mankoseb 800WP</i> toediening by blaarval (soos geregistreer) en herhaal 4-5 keer met 24 dae intervalle.</li> <li><b>NOTA:</b> Raadpleeg die <i>mankoseb 800WP</i> etiket vir detail.</li> </ul>   |
|   | <p><b>100 mL PREV-AM® + 200g <i>mankoseb 800WP</i> + 50g <i>benomil 500WP</i></b><br/>per 100 l water</p>  | <ul style="list-style-type: none"> <li>Gebruik <i>benomil 500WP</i> slegs in boorde waar bensimidasoel weerstand afwesig is.</li> <li>Gaan die <b>PREV-AM® + <i>mankoseb 800WP</i> + <i>benomil 500WP</i></b> bespuiting vooraf met 'n <i>mankoseb 800WP</i> toediening teen 200g per 100 l water (soos geregistreer) in die laaste week van Oktober.</li> <li>Dien een <b>PREV-AM® + <i>mankoseb 800WP</i> + <i>benomil 500WP</i></b> toediening as voldekbespuiting toe tussen die 1ste en 20ste Desember.</li> <li>Indien kommer bestaan dat onvoldoende dekking met bespuitings verkry word, kan twee <b>PREV-AM® (0.1 l) + <i>mankoseb 800WP</i> (200g) + <i>benomil 500WP</i> (25g per 100 l water)</b> bespuitings gedurende die laaste helfte van November en weer die eerste week Januarie gedoen word.</li> <li><b>NOTA:</b> Raadpleeg die <i>mankoseb 800WP</i> en <i>benomil 500WP</i> etikette vir detail.</li> </ul>   |

Moenie 'n **PREV-AM®** op sitrus gewasse toedien teen dosisse wat 100 mL/hL oorskry vir die periode van 100% blomblaarval tot en met volle kleur ontwikkeling nie.

# TAMATIES

PLAAG / SIEKTE

TOEDIENINGSHOEVEELHEID

OPMERKINGS

## Witvlieg

*Bemisia tabaci*

**500 ml PREV-AM®**  
per 100 l water  
0.5% spuitoplossing

- Toediening moet binne drie weke ná oorplanting begin en voortgesit word met 'n weeklikse spuitprogramme (7-dae tussenposes), vir so lank as nodig.
- Deeglike benatting van beide die bo- en onderkant van blare te alle tye verseker word.
- **MOENIE BESPUIT TOT PUNT VAN AFLOOP NIE.**
- Hierdie behandeling vir witvlieg sal die beheer van vroeë- of laatros verbeter, indien dit gekombineer word in tenkmengsel met geregistreerde swamododers teen hierdie siektes.
- Die behandeling vir witvlieg sal ook plantluis of rooispinmyt beheer indien teenwoordig tydens bespuiting.
- Let noukeurig op die voorskrifte van die VERENIGBAARHEID paragrawe.
- **AANBEVOLE SPUITVOLUME:** 500 l/ha word vanaf die blomstadium en verder.

## DOSSISE VIR RUGSAK SPUITE

PREV-AM®

RUGSAK VOLUME

Dossise per 100 liters water

10 liter

16 liter

20 liter

100 ml

10 ml

16 ml

20 ml

200 ml

20 ml

32 ml

40 ml

250 ml

25 ml

40 ml

50 ml

500 ml

50 ml

80 ml

100 ml

PRODUCT COMPOSITION AND METHOD PATENTED · PRODUKSAMESTELLING EN -METODE GEPATENTEER ZA200405010 / ZA200703565

Oro Agri SA (Pty) Ltd (DIE MAATSKAPPY) WAARBORG DAT DIE PRODUK OOREENSTEM MET SPESIFIKASIES SOOS GESPESEIFISEER OP DIE ETIKET EN DAT DIT GEPAS IS VIR DIE BEOOGDE DOEL GENOEM OP DIE ETIKET. DIE MAATSKAPPY VERSKAF GEEN VERDERE DIREKTE OF INDIKRETE WAARBORG NIE DIE MAATSKAPPY BEVEEL AAN DAT DIE GEBRUIKER DIE NODIGE TOETSE OP 'N GEDEELTE VAN DIE GEWAS DOEN OM DIE GESIKKHEID VAN DIE PRODUK VIR DIE BEOOGDE GEBRUIK TE BEPAAL.

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## PLAAG / SIEKTE

## TOEDIENINGSHOEVEELHEID

## OPMERKINGS

### Witluis

*Platanococcus ficus*

**500 ml PREV-AM®**  
per 100 l water  
0.5% spuitplossing

- Monitor vir beweging van witluis en begin witluis bespuiting sodra kriipers waargeneem word op lote of blare. Herhaal toediening na 7 dae indien verdere kriuperbeweging waargeneem word
- Miere moet afsonderlik beheer word voordat beheer van witluis gedoen word.
- Let noukeurig op die voorskrifte van die VERENIGBAARHEID paragrafe.
- **AANBEVOLE SPUITVOLUME:** 750 l/ha tot 1000 l/ha, afhange van grootte van stokke.

### Poeieragtige Skimmel

*Uncinula necator*

**250 - 500 ml PREV-AM®**  
per 100 l water  
0.25 - 0.5% spuitplossing

- 'n Program vir die beheer van witroes moet begin sodra die langste lote 'n lengte van 2-5 cm bereik. Gebruik residuele swamdoders tot tydens die blomperiode.
- Die optimale tyd vir gebruik van **PREV-AM®** sal wees na blom tot by oes, gedurende die periode wanneer witluis kriuperbeweging ver wag sal word (sien witluis aanbeveling).
- Dien **PREV-AM®** toe met 7-10 dag intervalle as deel van 'n witroes beheerprogram waarin ander produkte met verskillende metode van werking afgewissel word. **PREV-AM®** het 'n nie-spesifieke kontakaksie en kan dus aangewend word in 'n weerstandbestuursprogram teen witroes.
- Gebruik verkieslik 'n siektevoorspellings-model sowel as die siektegeskiedenis van die wingerd as 'n riglyn van die siekerisiko. Indien hierdie inligting 'n lae siektedruk sowel as lae risiko aandui, of geen simptome voorkom nie, gebruik die 0.25% dosis. Wanneer 'n hoër siektedruk en hoer risiko voorkom, of simptome reeds sigbaar is, gebruik die 0.5% dosis.
- Indien toestande gunstig vir infeksie van trosse met groen korrels voorkom, moet **PREV-AM®** met 'n geskikte sisterniese swamdoder afgewissel word om die trosse te beskerm.
- **AANBEVOLE SPUITVOLUME:** 500 l/ha tot 1200 l/ha, afhange van grootte van stokke.

### Donsskimmel

*Plasmopara viticola*

**500 ml PREV-AM®**  
per 100 l water  
0.5% spuitplossing

- 'n Program vir die beheer van Donsskimmel moet begin wanneer die langste lote 'n lengte van 10 cm bereik. Gebruik residuele swamdoders vir voorkomende beheer van donsskimmel.
- Indien **PREV-AM®** toegedien word teen 500 l/1000 l vir witluis of witroes, sal hierdie toediening ook donsskimmel beheer wat teenwoordig is tydens die bespuiting.
- Indien gunstige toestande vir infeksie ver wag word na toediening van **PREV-AM®**, moet die produk in mengsel met 'n voorkomende residuele swamdoder toegedien word soos geregistreer.
- Verseker goeie benutting van onderkant van blare.
- **AANBEVOLE SPUITVOLUME:** 500 l/ha tot 1200 l/ha, afhange van grootte van stokke.