A suspo-emulsion fungicide with contact and translaminar properties for the preventive control of diseases in maize, soya beans and sugarcane as indicated.

‘n Suspo-emulsie swamdoeder met kontak- en translaminêre eienskappe vir die voorkomende beheer van siektes op mielies, sojabone en suikerriet soos aangedui.

**Active ingredients / Aktiewe bestanddele:**
- Pyraclostrobin (methoxy-carbamate) 133 g/l
- Epoxiconazole (DMI-fungicide) 50 g/l

**Registered by:**
- BASF South Africa (Pty) Ltd
- Co. Reg. No. 66/10235/07
- P.O. Box 2801
- Halfway House 1685

**Geregistreer deur:**
- BASF Suid-Afrika (Edms) Bpk
- Mpy Reg. Nr 66/10235/07
- Posbus 2801
- Halfweghuis 1685

**Batch No. & date manufactured:** Refer to details printed on container. Lotnoomer & Datum vervaardig: Verwys na besonderhede gedruk op houer

**UN-No. / VN-Nr:** 3082
**EMERGENCY NUMBER / NOODNOMMER:** 083 265 3805

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Geregistreerde handelsmerk van BASF
WARNINGS

ALLOW THE FOLLOWING MINIMUM NUMBER OF DAYS, BETWEEN LAST APPLICATION AND HARVEST OR GRAZING:

<table>
<thead>
<tr>
<th>Crop</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maize</td>
<td>30</td>
</tr>
<tr>
<td>Soya beans</td>
<td>85</td>
</tr>
<tr>
<td>Sugarcane</td>
<td>60</td>
</tr>
</tbody>
</table>

- **Soya beans**: Do not graze.
- Handle with care.
- Harmful by inhalation or if swallowed.
- May cause skin irritation.
- Suspected of damaging the unborn child.
- Toxic to fish and other aquatic organisms.
- Keep out of reach of children, uninformed persons and animals.
- Store away from food and feed.
- Re-entry: Do not enter treated area within 1 day after treatment unless wearing protective clothing.

Aerial application:
- Notify and warn all inhabitants in the immediate area of the intended application and issue the necessary warnings.
- Do not spray over adjacent areas or water or permit spray to drift there.

PRECAUTIONS

- Do not inhale spray mist.
- Wear rubber gloves and boots and face shield when handling concentrate and whilst applying.
- Wash after accidental skin contact.
- Do not eat, drink or smoke whilst mixing and applying or before washing hands and face.
- Prevent spray drift onto other crops, grazing, rivers and dams and areas not under treatment.
- TRIPLE RINSE empty containers in the following manner. Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds, after the flow has slowed down to a drip. Thereafter, rinse the container three times with a volume of water equal to a minimum 60% of that of the container. Add the rinsings to the contents of the spray tank before destroying the container in the prescribed manner.
- Clean applicator after use and do not contaminate crops, grazing, rivers and dams with wash water.
- Destroy empty container and never use for any other purpose.
- Prevent contamination of food, feed, drinking water and eating utensils.

FIRST AID TREATMENT

**IF INHALED**: Keep patient calm, remove to fresh air. Seek medical attention.

**IF ON SKIN**: Wash skin thoroughly with soap and water. If irritation develops, seek medical attention.

**IF IN EYES**: Wash eyes for at least 15 minutes under running water, with eyelids held open. Consult an eye specialist.

**IF SWALLOWED**: Rinse mouth and then drink plenty of water, seek medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions, unless prescribed by a poison control centre or doctor.

**NOTE TO PHYSICIAN**: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

RESISTANCE WARNING

For resistance management, OPERA® is a FRAC Group Codes 3 & 11 fungicide. Any fungal population may contain individuals naturally resistant to OPERA® and other Group Codes 3 & 11 fungicides. The resistant
individuals can eventually dominate the fungal population if these fungicides are used repeatedly and exclusively in programmes. These resistant fungi may not be controlled by OPERA* or any other Group Codes 3 & 11 fungicides.

To delay fungicide resistance:
- Avoid exclusive repeated use of fungicides from the same Fungicide Group Code. Alternate or tank mix with products from different Fungicide Group Codes.
- For tank mixing or alternation with products in other Fungicide Group Codes, refer to applicable individual product labels.
- Integrate other control methods (chemical, cultural, biological) into disease control programmes.

FOR SPECIFIC INFORMATION ON RESISTANCE MANAGEMENT, CONTACT THE REGISTRATION HOLDER, BASF South Africa (Pty) Ltd.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

General information:
Apart from fungicidal activity, pyraclostrobin (500*), one of the active ingredients of OPERA*, exhibits the potential to increase plant physiological effects which are beneficial to the crop. In growing number of regions, including the USA, UK, Europe, Brazil and Argentina, pyraclostrobin (500*) is also registered and recommended as a plant health remedy to increase yields. Research conducted locally has proven that the use of OPERA*, according to label recommendations, can also increase yield even in situations when low disease pressure occurs.

Compatibility:
The compatibility of OPERA* has been proven with FASTAC* EC (Reg. No. L4991) and FASTAC* SC (Reg. No. L4992). It is however always recommended that the compatibility of OPERA* with other herbicides, insecticides and acaricides, be tested on a small scale before use in spray mixtures.

DO NOT use any additional wetters, spreaders or other adjuvants OPERA* has already been formulated with optimised amounts of surfactants. The only exception is in regions where water quality is known to be poor. Use a flowable 60% high quality ammonium sulphate, at 2% dilution (see applicable label) to ameliorate the water before adding OPERA*.

Mixing instructions:
Half fill the tank with clean water. Measure the required quantity of OPERA* and premix this with at least 10 litre water. Add this mixture to the water in the spray tank, while agitating the mixture. Fill the spray tank with water, while maintaining agitation, to ensure thorough mixing of the spray mixture before spraying commences. Maintain agitation during the whole spraying operation. Prepared spray mixture must not be left in the spray tank for any length of time, e.g. overnight.

Anti-resistance strategy:
- In order to maintain the efficacy OPERA*, it is necessary to prevent the development of resistance of the diseases against fungicides of the DMI (triazole) and strobilurin groups.
- Do not reduce the dose rate below what is recommended on the label.
- Never use other DMI (triazole) or strobilurin fungicides, or related fungicides, in the same programme with OPERA*.

Aerial application:
Aerial application of OPERA* may only be done by a registered aerial application operator using a correctly calibrated, registered aircraft, according to the instructions of SANS Code 10118 (Aerial Application of Agricultural Pesticides). Ensure that the spray mixture is distributed evenly over the target area and that the loss of spray material during application is restricted to a minimum. It is therefore essential that the following criteria be met:
- Volume: A spray mixture volume of 30 to 35 litre per hectare is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy, or be held responsible for any adverse effects if this product is applied aerially at a lower volume rate than recommended above.
- Droplet coverage: 50 to 70 droplets per cm² must be recovered at the target area.
• **Droplet size:** A droplet spectrum with a VMD of 250 micron is recommended. Limit the production of fine droplets less than 150 micron (high drift and evaporation potential) to a minimum.

• **Flying height:** Maintain the height of the spray boom at 3 to 4 metres above the target. Do not spray when aircraft dives, is in a climb or when banking.

• Use suitable **atomising equipment** that will produce the desired droplet size and coverage, but which will ensure the minimum loss of product. The spraying system must produce a droplet spectrum with the lowest possible Relative Span.

• Position all the atomisers within the inner 60 to 75% of the wingspan to prevent droplets from entering the wingtip vortices.

• The difference in **temperature** between the wet and dry bulb thermometers, of a whirling hygrometer, should not exceed 8°C.

• Stop spraying if the **wind** speed exceeds 15 km/h.

• Stop spraying under **turbulent**, unstable and dry conditions during the heat of the day.

• **Spraying under temperature inversion conditions** (spraying in or above the inversion layer) and/or high humidity conditions (relative humidity 80% and above) may lead to the following:
  – Reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage).
  – Damage to other sensitive crops and/or non-target is as through drifting of the suspended spray cloud away from the target field.

• Ensure that the Aerial Spray Operator knows exactly which fields to spray.

• Obtain an assurance from the aerial spray operator that the above requirements will be met and that relevant data will be compiled in a logbook and kept for future reference.

All spray applications must be made with suitable equipment that is in good working order and correctly calibrated to give the desired coverage for the method of application.
<table>
<thead>
<tr>
<th>CROP</th>
<th>DISEASE</th>
<th>DOSAGE / ha</th>
<th>DIRECTIONS FOR APPLICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MAIZE and SWEET CORN</strong></td>
<td>Grey leaf spot</td>
<td>750 ml</td>
<td><strong>OPERA</strong>® is recommended in an integrated disease management programme. Consistent and reliable disease control is dependant on preventive fungicide applications.</td>
</tr>
<tr>
<td></td>
<td>(Cercospora zeae-maydis)</td>
<td></td>
<td>Apply the first application of <strong>OPERA</strong>® at growth stage 31 (first node detectable above the soil surface, also described as the 5 – 6 leaf stage). A second application of <strong>OPERA</strong>® is recommended at growth stage 51 (tassel detectable). If extended disease control is required under continued high disease pressure conditions, a third application with <strong>DUETT</strong>® ULTRA (Reg. No. L9278) is recommended 3 – 4 weeks later.</td>
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<tr>
<td></td>
<td>Northern leaf blight</td>
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<tr>
<td></td>
<td>(Selosphaeria turcica)</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Rust (Puccinia sorghi)</td>
<td>250 ml/100 l water</td>
<td></td>
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<tr>
<td><strong>SOYA BEANS</strong></td>
<td>Soya bean rust</td>
<td>500 ml</td>
<td><strong>Apply two applications.</strong> The first application is to be applied as a preventive treatment against the disease. Apply the first application at early flowering or at the first sign of disease symptoms. The second application at pod development and filling approximately 3 – 4 weeks after the first application.</td>
</tr>
<tr>
<td></td>
<td>(Phakospora pachyrhizi)</td>
<td></td>
<td><strong>Ground application:</strong> Apply as a full cover spray in 400 l water/ha.</td>
</tr>
<tr>
<td>CROP</td>
<td>DISEASE</td>
<td>DOSAGE / ha</td>
<td>DIRECTIONS FOR APPLICATION</td>
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</tbody>
</table>
| SUGARCANE| Brown rust (*Puccinia melanocephala*) | 750 ml – 1 l | **Apply two applications.** The first application is to be applied as a preventive application at the 4 – 6 leaf stage, or at the first sign of infection. Apply the second application 4 weeks later.

Use the higher rate when environmental conditions are conducive to the development of the disease, or when disease pressure is high.

**Ground application:** Apply as a full cover spray in 200 l water/ha.

**CONDITIONS OF SALE AND WARRANTY**

The **Directions for Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of this product in a manner inconsistent with its labeling, all of which are beyond the control of BASF South Africa (Pty) Ltd ("BASF") or the Seller.

To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use**, subject to the inherent risks, referred to above.

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