



PREVENT 380 WDG

Reg. No. L11353, Act No. 36 of 1947 | Reg. Nr. L11353, Wet Nr. 36 van 1947

Read the label before use
Keep out of reach of children and animals

A water dispersible granular fungicide,
for the preventive control of various
fungal diseases, on crops as listed.

'n Waterdispergeerbare korrelswamdoder, vir
die voorkomende beheer van verskeie
swamsiektes, op gewasse soos gelys.

Hazard Statements

Causes skin irritation.

Causes serious eye irritation.

Harmful if inhaled.

Very toxic to aquatic life with long lasting effects.

Precautionary Statements

Avoid breathing dust/fume/gas/mist/ vapours/spray.

Wash hands thoroughly after handling.



Warning

FRAC FUNGICIDE GROUP CODES 11 & 7

ACTIVE INGREDIENT:

Pyraclostrobin (methoxy-carbamates) 128g/kg

Boscalid (carboxanilide) 252g/kg

Manufactured for and registered by/Vervaardig vir en
geregistreer deur:

Sharda International Africa (PTY) LTD

Reg. No./Reg. Nr. 2010/002268/07

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UN No. /VN Nr. 3077

FRAC SWAMDODER GROEP KODES 11 & 7

AKTIEWEBESTANDDEEL:

Pyraclostrobin (methoxy-karbamate) 128g/kg

Boscalid (karboksanilied) 252g/kg

BATCH NUMBER
LOT NOMMER

EXPIRY DATE
VERVAL DATUM

NET CONTENTS /
NETTO INHOUD

1Kg

National Poison helpline number/ emergency contact 086 155 5171

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

Berries (Blackberries, Raspberries, Blueberries and Black currants).....	28
Potatoes	14
Persimmons.....	145
Sunflowers.....	14
Tree Nuts (Almond, Macadamia, Pistachio, Cashew, Hazelnut and Pecan nuts).....	14

WARNINGS

- Causes skin irritation.
- Causes serious eye irritation.
- Harmful if inhaled.
- Very toxic to aquatic life with long lasting effects.
- Handle with care.
- Poisonous, if swallowed.
- Store in a cool, dry place away from food and feedstuffs. Protect against moisture and direct sunlight.
- Keep out of reach of children, uninformed people and animals.

Although this remedy has been 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 and the occurrence of resistance of the disease against the remedy concerned, as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment, harm to man or animal, or for lack of performance of the remedy concerned, due to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS

- Avoid breathing dust/fume/gas/mist/ vapours/spray.
- Wash hands thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF ON SKIN: Wash with plenty of water/...
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Collect spillage.
- Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.
- Wash contaminated clothing, daily.
- Do not smoke, eat or drink during mixing and spraying operations, before washing hands and face thoroughly.
- Do not contaminate springs, dams, rivers, eating utensils, food or feed.
- Prevent drift onto other crops and grazing.
- 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 of 10 % of that of the container. Add the rinsing to the contents of the spray tank, before destroying the container in the prescribed manner.
- Destroy empty container by perforation and flattening and dispose of it in a safe way and never re-use for any other purpose.

RELEVANT SUBSTANCES

Components	%
Boscalid	25.2
Pyraclostrobin	12.8
Methyl naphthalene sulfonic acid, polymer with formaldehyde, sodium salt	< 10
Sodium di-ethyl –hexyl sulfosuccinate	< 1

RESISTANCE WARNING

For resistance management, Prevent 380 WDG is a FRAC Group Codes 11 and 7 Fungicide. Any fungal population may contain individuals naturally resistant to Prevent 380 WDG and other Group Codes 11 and 7 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 Prevent 380 WDG, or any other Group Codes 11 and 7 fungicides.

To delay fungicide resistance:

Avoid exclusive repeated use of fungicides from the same Fungicide Group Codes. Integrate other control methods (chemical, cultural, biological), into disease control programmes.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

Mixing instructions:

Half fill the tank with clean water. Measure the required quantity of Prevent 380 WDG and pre-mix this with at least 10 ℓ 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.

Aerial application (Potatoes only):

Aerial application of Prevent 380 WDG, 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 - 35 ℓ 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 - 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 - 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 - 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 areas 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 that particular method of application.

CROP	DISEASE	DOSAGE PER 100ℓ WATER	DIRECTIONS FOR APPLICATIONS
BERRIES (Blackberries, Raspberries, Blueberries, Black currants)	Leaf Rust (<i>Thekopsora minima</i>)	60 g	The first application should be done at the start of the post-harvest flush, before first autumn rain, with a maximum of three applications (FRAC guidelines) per season, as needed to cover the new growth into winter.
POTATOES	Early blight (<i>Alternaria solani</i>)	300g / Ha	Ground application: Apply Prevent 380 WDG as part of a preventive spray programme, at 10 - 14-day intervals. In the programme, alternate with unrelated contact fungicides. Apply a maximum of three Prevent 380 WDG applications, per season. Apply Prevent 380 WDG in at least 500 ℓ water / ha. Ensure good coverage of the plants. Aerial application: Apply in 30 – 40 ℓ water / ha.
PERSIMMONS	<i>Alternaria alternata</i>	30g / 100ℓ water	Three Prevent 380 WDG applications are recommended in a programme, commencing 10 days before full bloom. Apply at high volume, to the point of run-off, to ensure thorough coverage.
SUNFLOWER	<i>Alternaria leafspot (Alternaria helianthi, A. zinniae & A. alternata)</i>	600- 800 g	Number of applications: Apply a maximum of two Prevent 380 WDG applications per season. The lower rate is suitable when applied at the early growth stage and before disease appearance. Use the higher rate for the second application. Application timing: The first application should be made, when 6 – 8 true leaves are unfolded and ideally before any disease symptoms are present. The second application should be made at the beginning of flowering (first yellow petal leaves showing). Do not apply Prevent 380 WDG once the flower heads start hanging. Water volume: Apply Prevent 380 WDG in at least 300 - 400 ℓ / ha water over the top of the plants, ensuring thorough leaf coverage and canopy penetration. Effect on other diseases: Good suppression of powdery mildew (<i>Erysiphe cichoracearum</i>) will be achieved when Prevent 380 WDG is applied at the higher rate and prior to disease development.
TREE NUTS (Almonds, Macadamias, Pistachios, Cashews, Hazelnuts, Pecan nuts)	Blossom blight (<i>Cladosporium cladosporioides</i>), Anthracnose / Husk rot (<i>Colletotricum</i> spp.) Husk spot (<i>Pseudocercospora macadamiae</i>)	800 g/ha	Apply Prevent 380 WDG , prior to disease development, as part of a programme, commencing at flower tassel emergence, followed with a second application two weeks later. Apply Prevent 380 WDG in 1200 - 1500ℓ water / ha. Resistance management: To limit the potential for development of resistance, do not make more than three Prevent 380 WDG or other Group 7 or 11 fungicides applications, per season. Do not make more than two sequential applications of Prevent 380 WDG , before alternating to a registered fungicide with a different mode of action.