

READ THE LABEL BEFORE USE. KEEP OUT OF REACH OF CHILDREN AND ANIMALS.



Fungicide

TARGET 200 WDG

Reg. No. L 10387 Act No. 36 of 1947

5: 03/05/2024 – May2024

A water dispersible granular fungicide for the control of diseases on certain crops as listed.

ACTIVE INGREDIENT

fludioxonil (phenylpyrrole) 200 g/kg

GROUP

12

FUNGICIDE



DANGER

Hazard Statements:

Causes mild skin irritation.
Causes serious eye damage.
Very toxic to aquatic life with long lasting effects.

Precautionary Statements:

Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
Avoid release into the environment.

kg

villa



UN Number: 3077

Registration holder: VILLA CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1992/002474/07

PO Box 10413, Aston Manor, 1630

Tel. (011) 396 2233

Website: www.villacrop.co.za

IN CASE OF POISONING / 24 HR EMERGENCY NUMBERS:

Griffon Poison Information Centre (National): +27 82 446 8946

Poison Information Helpline (National): +27 861 555 777

24 Hr Transport / Spill emergency no: (Hazcall24) +27 86 044 4411

(Client: Villa Crop Protection)

DIRECTIONS FOR USE ENCLOSED

Batch Number:

Date of Manufacture:

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

TARGET 200 WDG

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FRAC FUNGICIDE GROUP CODE: 12

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WARNINGS**Withholding periods:**

Allow the following number of days between the last application and harvest of the following:	
Avocados	0 days
Mangoes	1 day
Pome Fruit (Apples and Pears)	1 day
Potatoes	Harvest after skin set
Stone fruit (Nectarines, Plums, Apricots & Prunes)	1 day
Strawberries	3 days
Sunflowers	127 days
Table and Wine Grapes	28 days

THE MAXIMUM RESIDUE (MRL'S) LEVELS WILL NOT BE EXCEEDED, PROVIDED APPLICATIONS ARE APPLIED AS HEREIN PRESCRIBED. WHEN PRODUCTION IS DESTINED FOR THE EXPORT MARKET, THE EXPORT AGENCY OF CONCERN MUST BE CONTACTED, PRIOR TO THE USE OF TARGET 200 WDG IN A SPRAY PROGRAMME.

Hazard statements:

Causes mild skin irritation.
Causes serious eye damage.
Very toxic to aquatic life with long lasting effects.

- Handle with care.
- Do not contaminate dams, rivers, lakes or any other water sources.
- Store the product in the original container and always keep the container tightly closed.
- Store in a cool, dry, well-ventilated place, away from food, seed and animal feeds.
- Keep out of reach of children, uninformed persons and animals.
- Treated seed should not be used for human or animal consumption.
- Re-entry: Do not enter treatment area until spray deposit has dried unless wearing protective clothing.

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 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 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 in the event of any uncertainty.

PRECAUTIONS**Precautionary statements:**

Wash hands thoroughly after handling. Do not touch eyes.
Avoid release to the environment.
Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing. Get medical help.
If skin irritation occurs: get medical help.
Collect spillage.
Dispose of content/container to suitable landfill in accordance with local regulations.

- Avoid inhalation of the dust and spray as well as fumes from dipping tanks.
- Avoid contact with skin and eyes.
- Wash contaminated clothing after use.
- Wash thoroughly with soap and water after application and accidental skin contact.
- Do not eat, drink or smoke whilst mixing or applying, or before washing hands and face and changing clothing.
- Prevent drift of fumes onto other crops, grazing, rivers, dams or areas not under treatment.
- Clean the equipment directly after use by rinsing with clean water and dispose of wash water where it will not contaminate crops, grazing, boreholes, rivers or dams.
- **TRIPLE RINSE EMPTY PLASTIC BAG AS FOLLOWS:** Turn the bag inside out. Hold the bag over the spray or mixing tank and rinse the bag with running water for thirty seconds. Shake the rinsate off into the tank. Repeat the rinsing twice. Cut the bag into pieces and dispose of via an approved collector or recycler (www.croplife.co.za). Do not bury, burn or donate the bag to any other parties that may use it as container for foodstuffs.
- **TRIPLE RINSE EMPTY CONTAINER AS FOLLOWS:** Invert the empty container over the spray or mixing tank. Thereafter rinse the empty container three (3) times in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler (www.croplife.co.za). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.
- Prevent contamination of food, feeds, drinking water and eating utensils.
- Treated seed or tubers should be clearly labelled. Do not use for any other purpose.

Relevant hazardous components	
Fludioxonil	20 %
Sodium dodecyl benzene sulfonate	<10 %

In case of poisoning, call the following number: +27 82 446 8946 (Griffon Poison Information Centre) or +27 861 555 777 (Poison Information Helpline).

In case of a chemical spill call the following 24 Hr Transport / Spill emergency number: +27 86 044 4411 (Hazcall24 / Client: Villa Crop Protection).

FIRST AID TREATMENT

- Remove the victim from the area of exposure. Wash off remaining material with plenty of water. In the event of any complaints or symptoms, avoid further exposure.
- Skin: Remove contaminated clothing and shoes. Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap. **Obtain medical attention if irritation occurs.**
- Eyes: Flush eyes with clean water for at least 15 – 20 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. **Seek medical attention.**
- Inhalation: Immediately remove source of contamination or move victim to fresh air. If breathing has stopped, qualified personnel should perform artificial respiration and administer oxygen. Avoid mouth-to-mouth resuscitation. Keep person warm and at rest. Seek medical attention if irritation occurs.
- Ingestion: Seek medical attention or call a poison control centre for treatment advice. Do not induce vomiting unless instructed to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person. If the person is alert, rinse mouth thoroughly with water.

NOTE TO PHYSICIAN

No specific antidote is available. Treat symptomatically and supportively when required.

RESISTANCE WARNING

TARGET 200 WDG is a group code 12 fungicide. Any fungus population may contain individuals naturally resistant to **TARGET 200 WDG** and other group code 12 fungicides. The resistant individuals may eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **TARGET 200 WDG** or any other group code 12 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,
- pesticide use should be based on an integrated pest management program that includes scouting, historical pesticide use, crop rotation, consideration of host-plant resistance, environmental conditions, pest thresholds, as well as cultural, biological and other chemical control practices.
- where possible, make use of predictive disease models to effectively time fungicide applications.

For specific information on resistance management contact the registration holder of this product.

Mode of Action:

Fludioxonil, the active ingredient of **TARGET 200 WDG**, inhibits the enzyme mitogen-activated protein kinase, which functions in osmotic signal transduction in the metabolic processes in the fungus. The active is locally systemic and should be used for preventative treatments.

USE RESTRICTIONS

- Do not reduce the dosage rates of **TARGET 200 WDG** treatments beyond recommendations.
- The active in **TARGET 200 WDG** may be degraded when exposed to direct sunlight for long periods of time. Prevent the prolonged storage of treated fruit in direct sunlight.

DIRECTIONS FOR USE: Use only as directed.

Compatibility:

- **TARGET 200 WDG** is compatible with **Choir 500 WDG (Cyprodinil)** and **THIAZOLE 500 SC (Thiabendazole)**. The compatibility of **TARGET 200 WDG** with other products may be influenced by the formulation of the products involved, as well as water quality.
- As formulations of other products may change without the knowledge of the Registration holder, and water quality varies from farm to farm, a physical compatibility test must therefore always be done prior to application to confirm compatibility.
- If the products are physically compatible, this does NOT imply that they will be biologically compatible (effective against the target pathogen), thus the registration holder will not take responsibility for ineffective control in these scenarios.

Mixing instructions:

- Add half the required volume of water to the tank and ensure agitation.
- Add the required amount of **TARGET 200 WDG** to the tank.
- Continue agitation while adding the remaining quantity of water and ensure that the **TARGET 200 WDG** has completely dispersed into the water.
- Add the final volume of water. Only begin with treatment after the product has completely dispersed.
- Maintain agitation throughout the mixing, spray or dipping operation to ensure uniformity of the mixture.
- The spray mixture must be sprayed immediately after mixing. Prepared spray mixture must not be left in the spray tank for any length of time, e.g., overnight.

Post Spray Equipment Cleaning

It is essential to rinse the spray tank and all hoses with a 0.1 % solution of either calcium chloride or ammonium hydroxide or the recommended rate of **Protank® liquid cleaner** according to the product label. Allow this solution to stand in the spray equipment for 15 minutes; empty the spray equipment; repeat the rinsing with a 0.1 % solution of calcium chloride or ammonium hydroxide for 15 minutes; rinse all equipment with water. Nozzles and fitters must be cleaned individually. Rinse water and solution should be drained in a cesspool or drain where it will not contaminate any water source.

Avocados (Post-harvest treatment):

- Fruit should be treated as soon as possible after harvest, preferably within twelve (12) hours of harvest.
- Fruit should be thoroughly rinsed, and surface sanitised with a registered disinfectant before treatment with **TARGET 200 WDG**.
- Ensure that fruit are completely covered with treatment suspensions. A contact time of 30 to 60 seconds is recommended for dip treatments and 45 seconds for spray on treatments.
- Thorough mixing and agitation of the dip treatment solution is required to ensure uniform distribution of the fungicides.

- Do not reduce the dosage rates of **TARGET 200 WDG** treatment beyond recommendations otherwise inadequate control may be achieved.
- Acidification of dip solutions to pH between 6.2 and 6.5 may improve disease control. Ensure that acidification is done before dipping fruit and that the solution has a uniform pH before dipping fruit.
- When **TARGET 200 WDG** is to be used as a spray on treatment on a pack-line for the first time, prior to avocado fruit being added, prime the brushes by running the spray over brushes for one (1) to two (2) minutes. After use, brushes should be thoroughly cleaned and surface sanitised to prevent carry-over.
- Fruit should be allowed to dry thoroughly before waxing and packing.
- Maintain the concentration of each fungicide when topping up with fresh water. Replace the dip solution regularly to maintain a clean tank and effective treatment.
- The active in **TARGET 200 WDG** may be degraded when exposed to direct sunlight for long periods of time. Prevent the prolonged storage of treated fruit in direct sunlight.
- **DO NOT** discard treated fruit in orchards.

APPLICATION RATES

<i>Crop / Disease</i>	<i>Dosage rate</i>	<i>Remarks</i>
<u>Avocados</u> Anthracnose (<i>Colletotrichum gloeosporioides</i>) Stem-end rot complex (<i>Lasiodiplodia</i> sp., <i>Fusicoccum</i> spp., <i>Neofusicoccum</i> spp., <i>Colletotrichum</i> spp. and other Botryosphaeriaceous fungi)	300 g / 100 ℓ water	<u>Post-Harvest Dip Treatment</u> Treat fruit as soon as possible after harvest, preferably within twelve (12) hours of harvest. Fruit should be thoroughly rinsed, and surface sanitised with a registered disinfectant before treatment with TARGET 200 WDG in accordance with standard packhouse procedures. DO NOT mix fungicides into the chlorine treated water. Ensure proper mixing and constant agitation of the dip treatment solution to ensure uniform distribution of the fungicides. For dip treatments, ensure contact time for a minimum of 30 seconds and a maximum of 60 seconds. Fruit should be allowed to dry before packaging. Maintain the concentration of the fungicide when topping up with fresh water. Replace the dip solution regularly to maintain a clean tank and effective treatment. TARGET 200 WDG may also be used as drench or flood treatment. Treated fruit should not be discarded in fruit orchards. Fruit treated with TARGET 200 WDG solution should not be stored in direct sunlight as the active ingredient of TARGET 200 WDG may be degraded. Refer to CROP RECOMMENDATIONS, DIRECTIONS FOR USE, WARNINGS and PRECAUTIONS above.

Crop / Disease	Dosage rate	Remarks
<p><u>Avocados (Cont.)</u></p> <p>Suppression of Anthracnose (<i>Colletotrichum gloeosporioides</i>)</p>	<p>300 g/100 ℓ water</p> <p>OR</p> <p>300 g/100 ℓ water</p> <p>PLUS</p> <p>Thiazole 500 SC 270 ml/100 ℓ water</p>	<p><u>Spray-on Treatment</u></p> <p>Treat fruit as soon as possible after harvest, preferably within twelve (12) hours of harvest.</p> <p>Fruit should be thoroughly rinsed, and surface sanitised with a registered disinfectant before treatment with TARGET 200 WDG in accordance with standard packhouse procedures. DO NOT mix fungicides into the chlorine treated water.</p> <p>Prepare the spray-on mix using an appropriate volume of water for the amount of fruit to be treated. Apply at a pressure of three (3) bars. Fruit should be sprayed for approximately 45 seconds to ensure thorough coverage on the fruit surface. Maintain agitation of the spray mix throughout use to avoid products settling out of the mix. Vigorous stirring may result in excess foam and should be avoided.</p> <p>Residue levels of Fludioxonil when TARGET 200 WDG is applied as directed will be in line with the South African MRL. However, levels of fludioxonil may be close to 1.5 mg/kg depending on the design of the pack-line, the cultivar as well as the size of fruit treated. It is recommended to perform spray optimisation tests for the specific pack-line set up on relevant cultivars prior to commercial use.</p> <p>Refer to CROP RECOMMENDATIONS, DIRECTIONS FOR USE, WARNINGS and PRECAUTIONS above. Consult the Thiazole 500 SC label for USE RESTRICTIONS, WARNINGS (including RESISTANCE WARNINGS), PRECAUTIONS and DIRECTIONS FOR USE.</p>

Crop / Disease	Dosage rate	Remarks
<p><u>Mangoes</u></p> <p>Stem-end rot (<i>Lasiodiplodia theobromae</i>) (<i>Botryodiplodia theobromae</i>)</p> <p>Soft Brown rot (<i>Botryosphaeria</i> spp.)</p> <p>Anthracnose (<i>Colletotrichum</i> spp.)</p>	<p>170 g / 100 ℓ water (17 g / 10 ℓ water)</p>	<p><u>Dip/Drench treatment:</u> Commence the treatment as soon as possible after harvest. Fruits must be thoroughly rinsed and disinfected with chlorine as a standard practise. Do not mix TARGET 200 WDG into the chlorine treated water.</p> <p>Make a separate TARGET 200 WDG dip/drench solution and pre-heat to 50 °C. Maintain the temperature and concentration of the solution during treatment.</p> <p>Dip/drench the fruit for at least 30 seconds. Allow fruit to completely dry off before packaging or storing and do not rinse the fruit after the treatment.</p> <p>Only apply TARGET 200 WDG once to fruit per growing season.</p> <p>Refer to “USE RESTRICTIONS” and “DIRECTIONS OF USE” above.</p>
<p><u>Pome fruit</u> Apples and Pears</p> <p>Blue mould (<i>Penicillium expansum</i>) (<i>Penicillium solitum</i>)</p> <p>Grey mould (<i>Botrytis cinerea</i>)</p> <p>Bitter rot (<i>Colletotrichum gloeosporioides</i>)</p>	<p>150 to 300 g / 100 ℓ water</p> <p>OR</p> <p>15 to 30 g / 10 ℓ water</p>	<p><u>Bin/Truck Drench or Dip treatment or Flooder:</u> Commence the treatment as soon as possible after harvest. Fruits must be thoroughly rinsed and disinfected as a standard practise. Maintain the concentration of the solution during treatment.</p> <p>Dip/drench the fruit for at least 15 to 30 seconds. Ensure proper coverage of the fruit. Allow fruit to completely dry off before packaging or storing and do not rinse the fruit after the treatment. Fruit coatings may be applied separately after fungicide treatments.</p> <p>Only apply TARGET 200 WDG once to fruit per growing season.</p> <p>Refer to “USE RESTRICTIONS” and “DIRECTIONS OF USE” above.</p>

Crop / Disease	Dosage rate	Remarks
<p>Potatoes</p> <p>Black scurf <i>Rhizoctonia solani</i></p> <p>Silver scurf <i>Helminthosporium solani</i></p> <p>Black dot <i>Colletotrichum coccodes</i></p>	<p>TARGET 200 WDG IS RECOMMENDED IN AN INTEGRATED DISEASE MANAGEMENT PROGRAMME ON POTATOES. IN ORDER TO ACHIEVE CONSISTENT AND RELIABLE DISEASE CONTROL AND TO AVOID RESISTANCE BUILD-UP, PREVENTIVE FUNGICIDE APPLICATIONS ARE CRITICALLY IMPORTANT. Refer to “USE RESTRICTIONS” and “DIRECTIONS FOR USE” above and “ADDITIONAL NOTES” below.</p> <p>125 g / 1000 kg tubers (1.25 g / 10 kg tubers)</p>	<p>Pre-storage treatment during seed multiplication stage (G3 to G6): Apply to certified tubers after sorting in situations where tubers will be stored for 1 to 3 months. Apply in 2 to 3 litres of water per 1000 kg tubers.</p> <p style="text-align: center;">OR</p> <p>Pre-plant treatment: Apply in 2 to 3 litres of water per 1 000 kg tubers. Use the lower application volume for tubers harvested from sandy soil and the higher application volume for tubers harvested from clay soils. Ensure even coverage and allow tubers to dry before planting. If tubers have sprouted at the time of treatment, it is essential to allow 14 days for the tuber to recover before planting. It is recommended to combine a tuber treatment of TARGET 200 WDG with an in-furrow application of Fungaway® 250 SC prior to planting. Consult the Fungaway® 250 SC label for DOSAGE RATES, USE RESTRICTIONS, RESISTANCE WARNINGS, PRECAUTIONS and DIRECTIONS FOR USE).</p>
<p>Additional Notes: Potato tuber treatment</p> <ul style="list-style-type: none"> • Dip treatments for potatoes are not recommended. • The use of TARGET 200 WDG is restricted to one application per production cycle. Do not use TARGET 200 WDG as a pre-plant treatment on tubers that were treated with Fludioxonil as a pre-storage treatment. • Only use TARGET 200 WDG on certified seed potato tubers. • TARGET 200 WDG will only control seed-borne Black dot (<i>Colletotrichum coccodes</i>) and not soil-borne Black dot (Anthracnose). • Do not use TARGET 200 WDG on seed potatoes destined for fields with a historical infection of Black dot (Anthracnose). • Avoid using TARGET 200 WDG in areas where there is a history of high <i>Erwinia</i> disease pressure such as the Sandveld area in the Western Cape. • Even coverage of tubers at low volumes is achieved using a continuous flow applicator e.g. “spray atomiser”. Treatment solutions should be continuously agitated and applied directly after preparation. • Seed tubers must be free of access soil for consistent uniform coverage. • Avoid excessive wetting as this can enhance disease development during storage. • If seed tubers are treated just prior to planting, allow the tubers to dry off completely. • Guidelines for low volume treatment of seed potatoes is obtainable from the Agricultural Research Council (Institute for Agricultural Engineering). • Do NOT leave potatoes for long periods in soil before harvest, as this can enhance disease development. • Harvest potatoes immediately after skin set for effective control of soil borne diseases. • For sustainable disease management, it is recommended that pre-plant or pre-storage treatments with TARGET 200 WDG be followed by an in-furrow treatment with Fungaway® 250 SC. Refer to the Fungaway® 250 SC label for “DIRECTIONS FOR USE”. 		

Crop / Disease	Dosage rate	Remarks
<u>Strawberries</u> Grey mould (<i>Botrytis cinerea</i>) Powdery mildew (<i>Sphaerotheca macularis</i>) Anthracnose (<i>Colletotrichum</i> spp.)	1.2 kg / ha (1.2 g / 10 m ²) PLUS Choir 500 WDG 0.7 kg / ha (0.7 g / 10 m ²)	Commence applications just before or at the onset of flowering and repeat at 7 to 10-day intervals while conditions are conducive to disease development. Apply as a full cover spray ensuring total coverage of the plants. DO NOT apply more than two (2) consecutive sprays of TARGET 200 WDG in combination with Choir 500 WDG . Alternate with a registered fungicide with a different mode of action if further control is required. Consult the Choir 500 WDG label for USE RESTRICTIONS, WARNINGS (including RESISTANCE WARNINGS), PRECAUTIONS and DIRECTIONS FOR USE .
<u>Sunflowers</u> Damping off and Seedling blight <i>Rhizoctonia solani</i> <i>Fusarium</i> spp.	5 to 10 g / 100 kg seed	Ensure even coverage of treated seed. Allow treated seed to dry before planting.
<u>Table and Wine grapes</u> Botrytis rot (<i>Botrytis cinerea</i>)	50 g / 100 ℓ (5 g / 10 ℓ) PLUS Choir 500 WDG 30 g / 100 ℓ (3 g / 10 ℓ)	A minimum of 500 g of TARGET 200 WDG and 300 g of Choir 500 WDG should be applied per hectare. Apply the tank mix as part of a preventative spray programme for Botrytis rot at any two of the following growth stages: full blossom, pea-berry or colouring (veraison). Alternate with registered fungicides with different modes of action. Apply as a full cover spray ensuring total coverage. Consult the Choir 500 WDG label for USE RESTRICTIONS, WARNINGS (including RESISTANCE WARNINGS), PRECAUTIONS and DIRECTIONS FOR USE .

Consult the **Choir 500 WDG** and **Thiazole 500 SC** labels for **USE RESTRICTIONS, WARNINGS (including RESISTANCE WARNINGS), PRECAUTIONS** and **DIRECTIONS FOR USE**.

The following products mentioned in this label may be replaced with equivalent products listed below:

- **CHOIR 500 WDG** (L 8957) = **CHANT 500 WDG** (L 8958) (**Cyprodinil**),
- **FUNGAWAY® 250 SC** (L 8590 / N-AR 1225 / W1301393) = **MYCOBLOCK 250 SC** (L 8591) = **STROBIN 250 SC** (L 8625) (**Azoxystrobin**) and
- **THIABENDAZOLE 500 SC** (L 7831) = **THIAZOLE 500 SC** (L7832) = **TBENDAZOLE 500 SC** (L 8093) (**Thiabendazole**).

FUNGAWAY® 250 SC and **CHOIR 500 WDG** are registered products of **VILLA CROP PROTECTION (PTY) LTD.**

MYCOBLOCK 250 SC, CHANT 500 WDG, THIABENDAZOLE 500 SC, THIAZOLE 500 SC and **TBENDAZOLE 500 SC** are registered products of **UNIVERSAL CROP PROTECTION (PTY) LTD.**