



Fungicide

CORONA PRO 300 SC

Reg. No. L 10566 Act No. 36 of 1947

3. 29/02/2024- Feb2024

A suspension concentrate systemic fungicide with mesostemic properties for the control of certain fungal diseases on crops as listed.

ACTIVE INGREDIENTS

tebuconazole (triazole)	200 g/l
trifloxystrobin (strobilurin)	100 g/l

GROUP

3;11

FUNGICIDE



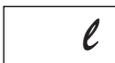
WARNING

Hazard Statements:

Causes mild skin irritation.
 May cause an allergic skin reaction.
 Suspected of damaging fertility or the unborn child.
 May cause harm to breast-fed children.
 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.



UN Number: 3082

Registration holder: UNIVERSAL CROP PROTECTION (PTY) LTD.
 Co. Reg. No. 1983/008184/07
 65 Botes Road, Glen Marais, Kempton Park, 1619
 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)

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

DIRECTIONS FOR USE ENCLOSED

Batch Number:
Date of Manufacture:

CORONA PRO 300 SC

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FRAC FUNGICIDE GROUP CODE: 3;11

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WARNINGS

Allow the following number of days between last application and harvest:	
Berries	21 days
Cabbage	21 days
Carrots	21 days
Groundnuts	42 days
Maize	42 days
Maize (Grazing)	60 days
Onions	63 days
Table and Wine Grapes	Do not apply after berries have reached the pea-berry stage

IMPORTANT: THE RECOMMENDED WITHHOLDING PERIOD BETWEEN LAST APPLICATION AND HARVEST MEETS LOCAL RESIDUE LEVEL REQUIREMENTS BUT MAY NOT MEET EXPORT REQUIREMENTS. IF TREATED CROPS ARE INTENDED FOR EXPORT, CONSULT THE RELEVANT EXPORTING REGULATORY BODY REGARDING WITHHOLDING PERIODS BEFORE APPLYING A CORONA PRO 300 SC SPRAY PROGRAMME.

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Causes mild skin irritation.
May cause an allergic skin reaction.
Suspected of damaging fertility or the unborn child.
May cause harm to breast-fed children.
Very toxic to aquatic life with long lasting effects.

- Handle with care.
- Store under lock and key in original container tightly closed and in a dry, cool, well-ventilated area.
- Store away from sources of ignition and away from foodstuffs, fertilisers and seeds.
- Keep out of reach from children, uninformed persons and animals.
- **CORONA PRO 300 SC** has been tested on some of the most important commercial cultivars without any phytotoxic effects. More susceptible cultivars may be released in the future, which need to be tested; for this apply **CORONA PRO 300 SC** to a limited test area before commercial applications are made.
- **Re-entry:** Do not enter treated area until spray deposit has dried unless wearing protective clothing.
- **Aerial application:** Notify all inhabitants of the immediate area to be sprayed and issue the necessary warnings. Do not spray over or allow drift to contaminate adjacent areas or crops.

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 diseases 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:**

Obtain, read and follow all safety instructions before use.
Do not breathe, sprays or mists.
Avoid contact during pregnancy and while nursing.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Contaminated work clothing should not be allowed out of the workplace.
Avoid release into the environment.
Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
IF ON SKIN: Wash with plenty of water and non-abrasive soap.
IF exposed or concerned, get medical advice.
If skin irritation or rash occurs: Get medical help.
Collect spillage.
Store locked up.
Dispose of content/container to suitable landfill in accordance with local regulations.

- Wash contaminated clothing after use.
- Avoid spray drift onto other crops, grazing, rivers, dams and other areas not under treatment.
- **DO NOT** apply to areas where surface water is present.
- Prevent contamination of food, feed, drinking water and eating utensils.
- Clean equipment before and after use. Dispose of wash water where it will not contaminate crops, pastures, rivers, dams or other water sources.
- **TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS:** Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. 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.
- Do not use the empty container for any other purpose.

Relevant hazardous components	
Tebuconazole	200 g/l
Trifloxystrobin	100 g/l
Monoethylene glycol	< 50 g/l
Wetting agent	< 50 g/l
Dispersing agent	< 50 g/l
Proxel GXL	< 1 g/l

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. IF exposed or concerned, get medical advice.
- **Skin contact:** 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 or rash occurs.**
- **Eye contact:** 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 if irritation persists.
- **Inhalation:** Remove person from contaminated area to fresh air and assist breathing as needed. 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

Symptomatic treatment and supportive therapy as indicated, no known specific antidote. Gastric lavage is not normally required. If significant amounts have been ingested, administer activated charcoal and sodium sulphate.

RESISTANCE MANAGEMENT

For resistance management, **CORONA PRO 300 SC** is a group code 3 and 11 fungicide. Any fungus population may contain individuals naturally resistant to **CORONA PRO 300 SC** and other group code 3 and 11 fungicides. The resistant individuals can eventually dominate the disease population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **CORONA PRO 300 SC** or any other group code 3 and 11 fungicide. In order to maintain the efficacy of **CORONA PRO 300 SC** it is necessary to prevent the development of resistance of diseases against the triazole and strobilurin fungicides.

To delay fungicide resistance:

- Avoid exclusive, repeated use of fungicides from the same fungicide group code. Alternate or tank mix with registered products from different fungicide group codes.
- Do not use other strobilurin fungicides (Qol) or related fungicides in the same programme with **CORONA PRO 300 SC**. The number of applications of Qol containing products should not be more than 50% of the spray programme.
- The choice of products to be used during one growing season should take the resistance strategy into consideration.
- Refer to individual product labels when alternating products or when using tank mixtures with registered products.
- Maintain fungicide use records for each field.
- Integrate other control methods (chemical, cultural, biological) into disease control programmes.
- Do not reduce the dose rate below what is recommended on the label.
- Do not spray more than 3 applications to cabbage.

Since the occurrence of resistance cannot be forecast, users are advised to keep treated crops under close observation. If treatment is not effective following the use of **CORONA PRO 300 SC** as recommended, a resistant strain may be present. If a resistant strain is positively identified, consideration should be given to prompt use of a fungicide with a different mode of action, for which there is no record of resistance to the relevant disease. Universal Crop Protection (Pty) Ltd. will not accept any liability for performance failures in the event of a build-up of disease resistance resulting from inadequate resistance management practices as indicated on the label. For specific information on resistance management, contact the registration holder of this product or visit the FRAC website <http://www.frac.info/frac/index.html>.

MODE OF ACTION

CORONA PRO 300 SC contains the active ingredients **Tebuconazole** and **Trifloxystrobin**. **Tebuconazole** is a systemic fungicide with protective, curative, and eradication action. It is absorbed rapidly by the plant, with translocation acropetally. It inhibits sterol demethylation. **Trifloxystrobin** is a mesostemic, broad-spectrum fungicide with mainly preventative activity. It acts as a Quinone outside inhibitor and inhibits mitochondrial respiration by blocking electron transfer at the Qo center of cytochrome bc1.

USE RESTRICTIONS

- Always apply **CORONA PRO 300 SC** according to good agricultural practices, which take resistance management into account.
- Under severe drought conditions the uptake and activity of systemic products may be reduced. Therefore, **CORONA PRO 300 SC** should not be applied during such conditions.
- **Groundnuts:** **CORONA PRO 300 SC** causes phytotoxic effects on the *Kwartz* cultivar. Therefore, do not apply **CORONA PRO 300 SC** to this variety.

DIRECTIONS FOR USE: Use only as directed.

MIXING INSTRUCTIONS

Shake the container thoroughly immediately before use. Half fill the spray tank with clean water. Do not use brackish water. Whilst agitating, add the recommended amount of **CORONA PRO 300 SC** to the spray water and continue filling the tank to the required volume. Ensure the mixture is homogenous before application and agitate before and during application. When using **CORONA PRO 300 SC** in tank mix combinations, full cognisance must be taken of all warnings, precautions, and directions for use on that particular product's label. First, mix small quantities of the products separately with water. Check for any signs of incompatibility such

as flocculation etc. **Tank mixtures must be sprayed out immediately and not allowed to stand in the spray tank overnight.** If spraying is interrupted, the spray mixture in the tank should be agitated properly before spraying commences.

COMPATIBILITY

The compatibility of **CORONA PRO 300 SC** with other products depends on the formulations of the respective products, as well as the quality of the spray water to be used. As formulations change from time to time, it is recommended that a physical compatibility test be done prior to the tank mixture being made. Universal Crop Protection (Pty) Ltd cannot be held responsible for damage to crops resulting from tank mixtures with products or formulations not tested. **CORONA PRO 300 SC** is compatible with mineral oils such as **H&R crop oil** (L6802).

APPLICATION METHODS

Always ensure that application equipment to be used is correctly calibrated, in good working condition and clean from other chemicals. Ensure good coverage by using the spray volumes as indicated in the applicable tables. Always ensure thorough agitation of the mixture in the tank during mixing and spraying operations. **Do not allow the tank mixture to stand still for any period of time.**

Influence of rain on application: The application should be repeated if it should rain within two (2) hours after application.

AERIAL APPLICATION

Aerial application may only be done by a registered aerial application operator using a registered and correctly calibrated aircraft according to the instructions of SANS Code 10118 (Aerial Application of Agricultural Remedies). It is important to 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:

Equipment

- Use suitable atomising equipment that will produce the desired droplet size and coverage of the target area and will ensure the minimum loss of product through drift.
- The operator must use a nozzle set-up that will produce a droplet spectrum with the lowest possible relative span.
- All nozzles and atomisers should be positioned within the inner 60 to 75 % of the wingspan to prevent droplets from entering the wingtip vortices.

Application Parameters

- A spray mixture volume of 30 to 40 litres spray mixture per hectare is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy nor be held responsible for any adverse effects if this product is applied aerially at a lower volume rate than recommended.
- A droplet coverage of 25 to 35 droplets per square cm must be recovered at the target.
- A droplet spectrum with a VMD of 280 to 300 microns is recommended. Ensure that the production of fine droplets, with a VMD less than 150 microns, is restricted to a minimum.
- The height of the spray boom should be maintained at between 3 and 4 metres above the target.
- Do not spray when the aircraft is in a climb, at the top of a turn or during a dive or when banking.

Meteorological Conditions

- The difference between the wet and dry bulb readings, as determined using a whirling hygrometer, must not exceed 8 °C.
- Do not spray under turbulent, unstable conditions or during the heat of the day when rising thermals and downdraughts occur.
- Do not spray under temperature inversion conditions (spraying in or above the inversion layer) and/or high humidity conditions as this may cause:
 - i. Reduced efficacy due to suspension and evaporation of small droplets in the air (Which leads to inadequate coverage).
 - ii. Damage to other sensitive crops and/or non-target areas through drifting of the spray cloud away from the targeted area.
- Do not spray when the wind speed exceeds 15 km per hour.

General

- Ensure that fields are accurately marked and 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 the relevant data will be compiled in a logbook and kept for future reference.**

GROUND APPLICATION

CORONA PRO 300 SC may be applied with conventional high-volume spray equipment. The apparatus should be correctly calibrated before application to ensure that the correct dosage is applied. Ensure uniform distribution of the spray volume throughout the target area. It is important to obtain good coverage of the plant by using enough water and suitable spraying equipment.

RECOMMENDATIONS

Crop / Disease	Dosage rate	Remarks
<u>Berries</u> (Blueberries, Blackberries, Cranberries, Dewberries (including boysenberries and loganberries), gooseberries, raspberries, blackcurrants and currants) Rust (<i>Thekopsora minima</i>)	Ground application: 100 mℓ/100 ℓ	Apply in a preventative programme at the start of the post-harvest flush, before the first autumn rain. Repeat application at 7-day intervals but do not exceed 4 applications. Ensure complete coverage. Ground application: 500 - 1000 ℓ water/ha
<u>Cabbage</u> White Blister (<i>Albugo candida</i>)	<u>Ground application:</u> 750 to 1000 mℓ / ha	Apply the 1 st application as a foliar spray before disease establishment (Preventative control). Apply supplement sprays at 21-day intervals. Do not spray more than three (3) applications per season. Ground application: 300 to 500 litres water per hectare.
<u>Carrots</u> Leaf Blight (<i>Alternaria dauci</i>)	<u>Ground application:</u> 750 mℓ / ha	Apply the 1 st application as a foliar spray before disease establishment (Preventative control). Apply a succession of a maximum three (3) sprays in a preventative programme at 21-day intervals. Ground application: 300 to 500 litres water per hectare.
<u>Groundnuts</u> Leaf Spot (<i>Cercospora arachidicola</i>)	800 mℓ / ha PLUS a suitable adjuvant	Apply the 1 st application at flowering or earlier with the first signs of the disease. Apply two (2) more applications at 14-day (2 week) intervals. Apply as a full cover spray, ensuring good coverage of the entire plant. Ground application: 300 to 500 litres water per hectare.

Crop / Disease	Dosage rate	Remarks
Maize Northern leaf blight <i>(Setosphaeria turcica)</i>	1000 ml / ha PLUS 500 ml / ha H&R Crop oil	Apply the 1 st application at the last time an overhead spray can be made with a normal tractor fitted boom (normally between 35 and 55 days after emergence but depends on the variety and climatic region) but not later than when 1 to 2 lesions are visible on 50 % of the plants. Follow-up applications can be made when conditions favour the development of the disease at 21-to-28-day intervals. These applications will also control Brown rust and Grey leaf spot if the applications coincide with the critical application time for these diseases. <u>Ground application:</u> 300 to 500 litres water per hectare. <u>Knapsack with handheld boom:</u> 50 litres water per hectare. <u>Aerial application:</u> 30 to 40 litres per hectare.
Onions Purple Blotch <i>(Alternaria porri)</i>	<u>Ground application:</u> 1000 ml / ha	Apply the 1 st application as a foliar spray before disease establishment (Preventative control). Apply a succession of a maximum three (3) sprays in a preventative programme at 21-day intervals. <u>Ground application:</u> 300 to 500 litres water per hectare.
Table And Wine Grapes Powdery Mildew <i>(Oidium tuckeri)</i>	40 ml / 100 l	Apply the 1 st application when shoots are 2 to 5 cm long and repeat at 10 to 14-day intervals. Apply a maximum of 3 applications per season. Do not apply after berries reach pea-berry stage (4 to 6 weeks before harvest) Spray to the point of run-off and ensure even coverage. <u>High Volume Application:</u> Apply 300 to 1500 litres spray mixture per hectare depending on the crop size. See 'Notes' below.

NOTES**SPRAY VOLUME TO BE USED ON GRAPES DEPENDING ON CROP SIZE:**

GROWTH STAGE	Water volume (l/ ha)	
	Wine Grapes	Table Grapes
Shoots 2 to 5 cm long up to and including just before blossom	300 to 750	500 to 1000
Flowering up to pea-size of the berries	750 to 1000	1000 to 1500
Berries at pea-size up to harvest	1000 to 1500	-

H&R CROP OIL (L 6802) is a registered product of **H&R SOUTH AFRICA SALES (PTY) LTD.**