

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

Fungicide



TERRACLOR® 75 WP

Reg. No. L 4788 Act/Wet No. 36 of/van 1947

1:17/02/2010-Jan2017

*A wettable powder contact fungicide for the control of diseases on crops listed.
'n Benatbare poeier kontak swamdoder vir die beheer van siektes op gewasse soos gelys.*

ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL

quintozene (pentachloronitrobenzene) **750 g/kg** kwintoseen (pentachloronitrobenseen)

FRAC FUNGICIDE GROUP CODE **F3** FRAC SWAMDODER GROEPKODE

kg

villa

Registration holder / Registrasiehouer:

Universal Crop Protection (Pty) Ltd.

Co. Reg. No. / Mpy. Reg. Nr. 1983/008184/07

PO Box / Posbus 801, Kempton Park, 1620

Tel: 011 396 2233

Website / Webblad: www.villacrop.co.za

UN Number: 3077

Willow Set & Print 011 394-4486



CAUTION
VERSIGTIG



GEBRUIKSAANWYSINGS INGESLUIT

VERWYS NA BESONDERHEDE
GEDRUK OP HOUER/SAK

Date formulated:

Formuleringsdatum:

DIRECTIONS FOR USE ENCLOSED

REFER TO DETAILS PRINTED
ON CONTAINER/BAG

Batch number:

Lotnommer:

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UNIVERSAL CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1983/008184/07 Mpy. Reg. Nr.

P.O. Box / Posbus 801, KEMPTON PARK, 1620

Tel. (011) 396 2233

CAUTION / VERSIGTIG**WARNINGS**

- Only apply to edible crops at time of planting.
- Handle with care.
- May cause skin irritation.
- Store the product inside the original container and always keep the original container tightly closed.
- Store in a cool, dry, well-ventilated place, away from food, seed, feeds and other agricultural remedies.
- Toxic to aquatic organisms.
- Keep out of reach of children, uniformed persons and animals.

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 soil, 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 to the remedy concerned, as well as by the method, time and accuracy of application. The registration holder further 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 event of any uncertainty.

PRECAUTIONS

- Avoid excessive inhalation of powder/dust or spray mist.
- Avoid contact of product with skin and eyes.
- Wear rubber gloves and face shield when mixing and applying product.
- Wash with soap and water after use or accidental skin contact of the product.
- In case of eye contamination, rinse the eyes thoroughly with plenty of clean, cold water for at least 15 minutes. If irritation persists obtain medical assistance.
- Wash contaminated clothes daily after use.
- Do not eat, drink or smoke whilst applying, mixing or before washing hands and face or change of clothing.
- Prevent spray drift onto other crops, grazing, rivers, dams or areas not under treatment
- Clean spraying equipment directly after use and dispose of wash water where it will not contaminate food, grazing, boreholes, rivers or dams.
- Containers and packages must be completely emptied before being disposed of. Shake out thoroughly into the mixing tank and destroy the empty container thereafter and burying it.
- **Never** re-use the empty container for any other purpose.
- Do not burn the empty container.
- Prevent contamination of food, feeds, drinking water and eating utensils.

RESISTANCE WARNING

TERRACLOR® 75 WP is a group code F3 fungicide. Any fungus population may contain individuals naturally resistant to **TERRACLOR® 75 WP** and other group code F3 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **TERRACLOR® 75 WP** or any other group code F3 fungicide.

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 fungicide group code X and Y, 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 of this product.

USE RESTRICTIONS

- **Due to the fact that quintozone is very immobile in soil, it is essential that thorough mixing with the soil be obtained during or after application.**
- **TERRACLOR® 75 WP** is hydrolyzed under alkaline conditions and therefore the possibility exists that unsatisfactorily control can be obtained in alkaline soils.
- **Cotton:** Only apply when planting.
- **Potatoes:**
 - Due to the product's low mobility potential in soil, **TERRACLOR® 75 WP** is only recommended for potatoes produced under irrigation.
 - Only plant potatoes after **TERRACLOR® 75 WP** has been incorporated into the soil. Ridges can be drawn after planting of the tubers.
 - Because potatoes are most susceptible to Common scab during the tuber initiation and mass increase stages, soil moisture levels should be kept at field capacity during these critical stages.
 - The use of **TERRACLOR® 75 WP** will, in most cases, reduce the level of Scab infection. However, the possibility of some tuber infection, following treatment with **TERRACLOR® 75 WP**, may still occur due to many variables affecting Scab development.
 - The following conditions are favourable for development of Common scab:
 - Sandy, brackish soil,
 - Soils with high magnesium and calcium levels,
 - Un-decomposed organic matter in the soil,
 - Low soil moisture levels and high soil temperatures.

DIRECTIONS FOR USE: Only use as indicated.

Mixing instructions:

Fill the spray tank half full with clean water. Mix the required amount of **TERRACLOR® 75 WP** with sufficient water to make a smooth paste. Add to the mixing tank through a sieve and top up to the final volume whilst agitating. Ensure continuous agitation during mixing and application.

APPLICATION INSTRUCTIONS

Cotton:

All the soil surrounding and covering the seed must be treated. Use a low pressure sprayer with rigid drop arms with 1 to 2 nozzles mounted per row, and direct the spray into the furrow. A solid cone nozzle can be used to spray in the furrow and a flat fan nozzle for application behind the planter.

Potatoes:

Overall application:

Apply as an overall application at planting time onto moist soil by means of flat fan nozzles and mix thoroughly (disc and cross disc or a rotavator) to a depth of minimum 10 to 20 cm. To ensure optimal control over the spray pattern it is recommended that the spray boom, fitted with flat fan nozzles, be mounted on the disc frame directly in front of the forward disc gangs. The spray swath must not be narrower than the disc width. A drag harrow is usually attached to the disc after the last disking.

Band application:

Spray nozzles must be mounted on the potato planter in such a way to ensure thorough mixing of the product with the soil in the zone where the potato crop will be formed and as well as with the soil which surround and cover the seed tuber. The following nozzle setup is suggested: One jet-nozzle in front of the disc which opens the furrow and one solid-cone nozzle mounted in a position to spray into the opened plant-furrow. Do not apply in less than 500 litres water per hectare.

Control of Common scab

The history of scab infection and cultivar sensitivity is important factors regarding the efficiency of **TERRACLOR® 75 WP**. Refer to the tables below:

CLASSIFICATION CATEGORY

Infection	Class	Category*
Light	1	1 and 2
Medium	1	3 and 4
Heavy	2	5, 6 and 7
	3	8 and 9
	Undergrade	10

(* According to Illustration A12 Grading guidelines of SA Potato Board).

COMMON SCAB POTENTIAL

Low scab potential	If less than 15 % (by mass) of the previous potato crop was graded as Class 1 (category 1 to 4). Susceptible to highly susceptible cultivars can be considered. However, less susceptible cultivars are always preferred.
Medium scab potential	If 16 to 25 % (by mass) of the previous potato crop was graded as Class 2 (category 5 to 7). Only plant cultivars rated as <i>fairly tolerant</i> to Common scab.
High scab potential	If 26 to 50 % (by mass) of the previous potato crop was graded as Class 2 & 3 (category 8 to 9). This type of soil is not recommended for the cultivation of potatoes and therefore the use of TERRACLOR® 75 WP on these soils is not recommended.

TOLERANCE OF POTATO CULTIVARS TO COMMON SCAB

TOLERANCE LEVEL	CULTIVAR
Relative tolerant	Van der Plank, Astrid, Late Harvest, Kimberley Choice
Susceptible	Up to Date, Buffelspoort, R100
Highly susceptible	BP 1, Sackfiller

APPLICATION RATES

Crop / Disease	Dosage	Remarks
Cotton Damping off (<i>Rhizoctonia solani</i>)	5 to 7 kg / ha in 100 ℓ water	Soil treatment. Use the lower dosage rate on lighter soils.
Potatoes Black scurf (<i>Rhizoctonia solani</i>) Common scab (<i>Streptomyces scabies</i>)	300 g per 100 m plant row	Band application in not less than 500 litres water per hectare. Refer to “ APPLICATION INSTRUCTIONS ”.
	40 kg / ha	Overall application in not less than 500 to 1000 litres water per hectare. Refer to “ APPLICATION INSTRUCTIONS ”.

TERRACLOR® 75 WP is a registered trademark of / is 'n geregistreerde handelsmerk van
AMVAC Chemical Corporation, USA.