

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

Herbicide



GRAINWATCH 400 WDG

Reg. No. L 10719 Act/Wet No. 36 of/van 1947

1: 5/8/2019 - Aug2019

A water dispersible granule herbicide for the control of weeds in crops as indicated.

'n Waterdispergeerbare korrel onkruidodder vir die beheer van onkruid in gewasse soos aangedui.

ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL

carfentrazone-ethyl (triazolinone) **400 g/kg** karfentrasoon-etiel (triazolinon)

HRAC HERBICIDE GROUP CODE **E** HRAC ONKRUIDDODER 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



GEBRUIKSAANWYSLINGS INGESLUIT

VERWYS NA BESONDERHEDE
GEDRUK OP HOUER/SAK

Date formulated:
Formuleringsdatum:

REFER TO DETAILS PRINTED
ON CONTAINER/BAG

DIRECTIONS FOR USE ENCLOSED

Batch number:
Lotnommer:

GRAINWATCH 400 WDG

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Carfentrazone-ethyl (triazolinone) / karfentrasoon-etiel (triasolinoon)400 g/kg

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UNIVERSAL CROP PROTECTION (PTY) LTD.

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

PO Box / Posbus 801

KEMPTON PARK, 1620

Tel. (011) 396 2233

CAUTION / VERSIGTIG**WARNINGS**

- Handle with care.
- Harmful if swallowed.
- Irritating to skin.
- Extremely toxic to fish.
- Store away from food, feeds, seeds, fertilizers and other agricultural chemicals.
- Keep out of the reach of children, animals and uninformed persons.
- Re-entry: Do not enter treated area within one (1) hour after treatment unless wearing protective clothing.

Although this product 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 weeds 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

- Avoid inhalation of the spray mist or fumes.
- Avoid contact with eyes and skin.
- Wear protective rubber gloves and a face shield when handling the product and during application.
- Wash with soap and water after use and accidental skin contact.
- Wash contaminated clothing after use.
- In case of eye contamination, rinse the eyes thoroughly with plenty of clean water for at least 20 minutes, holding the eyelid(s) open. Obtain medical assistance immediately.
- Do not eat, drink or smoke while mixing, applying or before washing hands and face or change of clothing.
- Prevent drift onto other crops or grazing.
- Extremely toxic to fish or aquatic life. Do not contaminate rivers, dams or areas not under treatment and to nearby water sources.
- Clean the applicator before using with other products - dispose of wash water where it will not contaminate food, grazing, boreholes, rivers or dams.
- **Cleaning of spray equipment:**
Immediately after application, drain the spray tank and spray system and flush completely with a water plus ammonia solution. Thereafter, remove all nozzles and strainers and clean in a separate bucket with clean water. Replace the nozzles and strainers and flush the system again with clean water.
- Destroy the empty container/bag by perforation and flattening and dispose of it in a safe way.
- **Never** re-use the empty container/bag for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

RESISTANCE WARNING

GRAINWATCH 400 WDG is a group code E herbicide. Any weed population may contain individuals naturally resistant to **GRAINWATCH 400 WDG** and other group code E herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **GRAINWATCH 400 WDG** or any other group code E herbicide.

To delay herbicide resistance:

- avoid exclusive repeated use of herbicides from the same herbicide group code. Alternate or tank mix with products from different herbicide group codes,
- integrate other control methods (chemical, cultural, biological) into weed control programmes.

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

USE RESTRICTIONS

- **Serious crop injury may occur if spray or spray drift comes into contact with foliage of broadleaf crops, fruit and/or immature bark of trees, vines or adjacent non-target crops that are not under treatment.**
- Do not apply **GRAINWATCH 400 WDG** to crops under stress from drought, water logging, cold, pests or diseases, nutrient or lime deficiency or other factors reducing plant growth.
- Do not spray **GRAINWATCH 400 WDG** to cereals under sown with legumes, clovers or pastures.
- Grass herbicides must not be applied within seven (7) days after a **GRAINWATCH 400 WDG** application.
- **Re-cropping intervals and crop rotation guidelines:**
 - There is no restriction on the planting of any succeeding or rotational crop after the application of **GRAINWATCH 400 WDG**. All crops can be sown one (1) month after an application of **GRAINWATCH 400 WDG**.
 - Full consideration should be given to the minimum re-cropping intervals of any partner herbicide used in tank mixture with **GRAINWATCH 400 WDG**.

DIRECTIONS FOR USE: Use only as directed.

General information:

- **GRAINWATCH 400 WDG** works only by contact and rapidly burns down the leaves of the targeted weeds. It is thus required to achieve a good overall droplet coverage of the targeted weed plants.
- For optimum results, apply **GRAINWATCH 400 WDG** when weeds are young and actively growing under moist conditions.
- Weeds growing under stress conditions may be less susceptible to **GRAINWATCH 400 WDG**.
- The time period for final die-back of weeds varies according to the weed species and prevailing environmental conditions.

Compatibility:

- **GRAINWATCH 400 WDG** is compatible with **Slash 710 SG**, **CLASS ACT NG®** (L 10477) and **INTERLOCK®** (L 10254 / W 130875 / N-AR 1856)
- The compatibility of **GRAINWATCH 400 WDG** with other products may be influenced by various factors. As variable factors are inconsistent, a physical compatibility test must always be performed before such a tank mixture is sprayed.
- Only use **GRAINWATCH 400 WDG** in tank mixtures with the recommended products listed on the label.
- Do not mix **GRAINWATCH 400 WDG** with grass herbicides when used in cereal crops.

Mixing instructions:

- Half fill the spray tank with clean water and ensure agitation.
- Mix the required quantity of **GRAINWATCH 400 WDG** in a small quantity of water to make a smooth cream.
- Add this to the spray tank and fill with water to the required final volume while adding the partner herbicide product.
- Maintain continuous suspension in the spray tank by means of proper agitation.
- Prepared spray mixtures must not be left in the spray tank for any length of time, e.g. overnight.

Application:

- Apply by means of a calibrated tractor-mounted boom sprayer or knapsack sprayer, in good working order, equipped with flat fan nozzles, which delivers at least 200 litres spray mixture per hectare.

APPLICATION RATES

Crop	Dosage rate g or kg / ha	Remarks
Maize Pre-plant “burn down” weed control application	40 to 70 g/ha PLUS 1.0 to 1.5 kg / ha Slash 710 SG PLUS 1.0 ℓ / 100 ℓ water (1.0 % V/V) Class Act NG®	Apply GRAINWATCH 400 WDG when weeds are actively growing. Complete coverage of the weeds is important. Use the higher dosage rate when high infestation pressure exists and/or to control difficult to control species and/or when conditions are not favourable for weed control (refer “ NOTES ” below). The addition of Interlock® (at a rate of 300 ml per hectare) is important where drift management is important.
Tree crops & Vines Apples, Pears, Peaches, Plums, Nectarines, Citrus, Coffee, Olives, Pecan Nuts, Macadamia Nuts, Avocado, Mango, Guava, Banana, Papaya, Litchi, Kiwi Fruit, Almond Nuts, Granadilla, Hops, Wine & Table Grapes	25 g/ha PLUS 1.5 kg / ha Slash 710 SG PLUS 1.0 ℓ / 100 ℓ water (1.0 % V/V) Class Act NG®	Shield young vines/trees/bushes with immature bark during application or use a covered sprayer. Apply as a directed interrow spray for the control of difficult to control weeds when actively growing (ideal stage when weeds are 10 to 20 cm in height). The addition of Interlock® (at a rate of 300 ml per hectare) is recommended to minimise risk of contact with foliage, fruit and bark.

WEED SPECIES NORMALLY CONTROLLED BY GRAINWATCH 400 WDG IN TANK MIXTURE WITH SLASH 710 SG AT RECOMMENDED DOSAGE RATES

<i>Amaranthus hybridus</i>	Common pigweed
<i>Acanthospermum hispidum</i>	Upright starbur
<i>Argemone ochroleuca</i>	White flowered Mexican poppy
<i>Bidens pilosa</i>	Common blackjack
<i>Crotalaria sphaerocarpa</i>	Mealie Crotalaria
<i>Datura ferox</i>	Large thorn apple
<i>Digitaria sanguinalis</i>	Crab finger grass
<i>Eleusine coracana (= E.indica / africana)</i>	Goose grass
<i>Portulaca oleracea</i>	Purslane
<i>Tagetes minuta</i>	Khaki weed

Important notes on weeds controlled:

- Weeds germinating after the application of **GRAINWATCH 400 WDG** plus **Slash 710 SG** tank mixture will not be controlled.
- Other weeds species, not present during the development trials of **GRAINWATCH 400 WDG**, may also be controlled successfully. However, the registration holder cannot guarantee control of unlisted weed species or when application was made under adverse conditions such as (but not limited to) drought, flood stress, extreme temperatures, weeds that have grown beyond susceptible stage, etc.).

The following product mentioned in this label may be replaced with an equivalent product:

- **SLASH 710 SG** (L 8450 / W 130058) = **GLYGRAN 710 SG** (L 8449) = **LYNCH 710 SG** (L 8670) (**Glyphosate**).

SLASH 710 SG is a registered product of / is 'n geregistreerde produk van
Universal Crop Protection (Pty) Ltd.

GLYGRAN 710 SG is a registered product of / is 'n geregistreerde produk van
Villa Crop Protection (Pty) Ltd.

CLASS ACT NG® and/en **INTERLOCK®** are registered trademarks of / is geregistreerde handelsmerke van
Winfield Solutions Registration Holdings (Pty) Ltd.

LYNCH 710 SG is a registered product of / is 'n geregistreerde produk van
Cropasure (Pty) Ltd.