

BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY. KEEP OUT OF REACH OF CHILDREN AND ANIMALS.



Herbicide

PREELECT 750 WDG

Reg. No. L 9113 Act No. 36 of 1947

3: 4/11/2022 – Nov2022

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

ACTIVE INGREDIENT

sulfentrazone (triazolinone) 750 g/kg

GROUP 14 HERBICIDE

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG



DANGER

Hazard Statements:

May be harmful if swallowed or in contact with skin. Causes skin irritation.
Causes serious eye damage.
Harmful if inhaled.
May cause damage to organs (bone marrow, spleen) through prolonged and repeated exposure. Toxic to aquatic life with long lasting effects.

Precautionary Statements:

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

kg

villa

UN Number: 3077

Registration holder: VILLA CROP PROTECTION (PTY) LTD.
Co. Reg. No.1992/002474/07
P.O. Box 10413, Aston Manor, 1630
Tel. (011) 396 2234
Website: www.villacrop.co.za

24 HR EMERGENCY NUMBERS:
Griffon Poison Centre: +27 82 446 8946
24 HR Transport / Spill Emergency no: (Hazcall24) +27 86 044 4411
(Client: Villa Crop Protection)

DIRECTIONS FOR USE ENCLOSED

Batch Number:

Date of Manufacture:

PREELECT 750 WDG

Reg. No. L 9113 Act No. 36 of 1947
 HRAC HERBICIDE GROUP CODE: 14

ACTIVE INGREDIENT:

sulfentrazone (triazolinone)750 g/kg

Registration holder:

VILLA CROP PROTECTION (PTY) LTD.

Co. Reg. No. 19992/002474/07

P.O. Box 10413, ASTON MANOR, 1630

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WARNINGS**Hazard statements:**

May be harmful if swallowed or in contact with skin.
Causes skin irritation.
Causes serious eye damage.
Harmful if inhaled.
May cause damage to organs (bone marrow, spleen) through prolonged and repeated exposure.
Toxic to aquatic life with long lasting effects.

- Handle with care.
- 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 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**Precautionary statements:**

Do not breathe dusts, mists, or spray.
Wash hands thoroughly after handling. Do not touch eyes.
Use only outdoors or in a well-ventilated area.
Avoid release to the environment.
Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
IF SWALLOWED, INHALED, IN EYES OR ON SKIN: Get medical help.
IF ON SKIN: Wash with plenty of water and non-abrasive soap.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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 you feel unwell.
Take off contaminated clothing and wash it before reuse.
Collect spillage.
Dispose of content/container to suitable landfill in accordance with local regulations.

- Avoid contact with eyes and skin.
- Do not eat, drink or smoke while mixing, applying or before washing hands and face or change of clothing.
- Prevent drift onto other crops, grazing, 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.

- **TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS:** Invert the empty container over the spray or mixing tank. Thereafter rinse the empty container three 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.
- **CLEAN THE EMPTY BAG AS FOLLOWS:** Shake all the pesticide formulation out of the bag. 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.
- Prevent contamination of food, feeds, drinking water and eating utensils.

Relevant hazardous components	
Sulfentrazone	75 %
Morwet D- 425	<10 %
Sodium C14-16 olefin sulfonate	<5 %

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. Get medical help if you feel unwell.
- **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.**
- **Eye contact:** Flush eyes with clean water for at least 15 to 20 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. **Seek medical attention.**
- **Inhalation:** Remove person from contaminated area to fresh air and assist breathing as needed. **Seek medical attention.**
- **Ingestion:** **Seek medical attention** or call a poison control centre for treatment advice. **Do not induce vomiting.** Do not give anything by mouth to an unconscious person. If the person is alert, rinse mouth thoroughly with water.

Advice to physician:

Treat symptomatically and supportively. No specific antidote known.

RESISTANCE WARNING

PREELECT 750 WDG is a group code 14 herbicide. Any weed population may contain individuals naturally resistant to **PREELECT 750 WDG** and other group code 14 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **PREELECT 750 WDG** or any other group code 14 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.

Mode of action:

PREELECT 750 WDG contains **Sulfentrazone**. **Sulfentrazone** belongs to HRAC's mode of action group 14. It is a selective, contact herbicide which is absorbed by the roots and foliage and translocated primarily in the apoplasm. It inhibits the protoporphyrinogen oxidase which results in the accumulation of photosensitizing porphyrins. These react with oxygen, in the presence of light, to form reactive species that cause lipid peroxidation and membrane disruption.

USE RESTRICTIONS

- **Follow up crops:**
Do not plant any other crop, apart from sugarcane, within 24 months after application of **PREELECT 750 WDG**. Ensure that the soil is ploughed thoroughly and harrowed before any other crop is planted.
- **Soil type:**
It is recommended to apply **PREELECT 750 WDG** on soils with a clay content that exceeds 20 %. Application of **PREELECT 750 WDG** on lighter soils may affect the product's performance adversely.
- Avoid drift onto susceptible nearby crops.
- Use clean water with pH value below 8.

DIRECTIONS FOR USE: Use only as directed.**General information:**

- **PREELECT 750 WDG** applied pre-emergence gives long term residual control of broadleaf weeds, grasses and sedges. It is absorbed by the roots and shoots of germinating weeds and application must therefore be done onto clean, cultivated soil before emergence of the weeds. Apply onto moist soil, rain or irrigation is required within one week after application to obtain best results.
- Pre-emergence application of **PREELECT 750 WDG** may result in slight scorching of the leaves, especially if the crop is subjected to stress conditions (e.g., drought). However, these symptoms are only temporary and will disappear as the crop grows.

Compatibility:

The compatibility of **PREELECT 750 WDG** with other products may be influenced by various factors. As variables may vary, a physical compatibility test must always be performed before such a tank mixture is sprayed.

Mixing instructions:

- Half fill the spray tank with clean water and ensure agitation.
- Mix the required quantity of **PREELECT 750 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.
- 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.

Cleaning of spray equipment:

Immediately after application, drain the spray tank and spray system and flush completely with a water + ammonia solution. Thereafter, remove all nozzles and strainers and clean in a separate bucket with clean water.

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 200 to 400 litres spray mixture per hectare.
- Soil preparation:
 - Plant cane – prepare the soil in accordance with good agricultural practices.
 - Ratoon cane – remove any debris that covers the soil in order to obtain best coverage on the target area.

APPLICATION RATES

Crop	Dosage rate kg / ha	Remarks
<u>Sugarcane</u> (Plant and Ratoon Crops) Pre-emergence treatment	1.2	Apply PREELECT 750 WDG on its own. Avoid drift onto susceptible crops.

Control of Yellow nudsedge:

Cyperus esculentus will still germinate. After absorption of the active ingredient, visual symptoms develop at a later stage (from 15 to 60 days). This time period will depend on various factors such as soil moisture levels, soil type, growth vigour of the sedges, etc.

WEED SPECIES NORMALLY CONTROLLED (PRE-EMERGENCE APPLICATION AT A MINIMUM DOSAGE RATE OF 1.2 kg PREELECT 750 WDG PER HECTARE)	
<i>Ageratum conyzoides</i>	Invading Ageratum
<i>Amaranthus</i> spp	Pigweed
<i>Bulbostylis hispidula</i>	Slender sedge
<i>Commelina bengalensis</i>	Wandering Jew
<i>Conyza</i> spp.	Fleabane
<i>Cyperus esculentus</i>	Yellow nutsedge
<i>Datura stramonium</i>	Thorn apple
<i>Digitaria sanguinalis</i>	Crab finger grass
<i>Emex australis</i>	Spiny emex
<i>Eleusine indica</i>	Goose grass
<i>Panicum maximum</i>	Buffalo grass
<i>Senecio madagascariensis</i>	Madagascar ragwort
<i>Setaria verticillata</i>	Sticky bristle grass
<i>Solanum nigrum</i>	Black nightshade
<i>Sonchus oleraceus</i>	Sowthistle
<i>Sysimbrium thellungii</i>	Common wild mustard