

HALO 750 WDG

Reg. No. L8283 Act No. 36 of 1947 | N-AR 1337

HRAC HERBICIDE GROUP CODE 2

Aktiewe Bestanddeel: halosulfuron (sulfonylurea) 750 g/kg

Registration Holder: Villa Crop Protection (Pty) Ltd (Co. Reg. No. 1992/002474/07)



Office No: 021 981 4011

21 Viben Street, Brackenfell

Technical advise: 082 562 5330

Medical Emergency: 0861 555 777

WARNINGS

Re-cropping intervals:

The following waiting periods should lapse between application of HALO 750 WDG and the planting of follow-up crops, to prevent damage to the next crop:	
Wheat and Maize	1 month
Dry beans	3 months
Potatoes	6 months
Sunflowers	13 months

A replanting interval of at least **24 months** must be observed for all other crops and preceded by a test planting.

NOTE

- The waiting periods mentioned above are only valid if the recommended dosage rate of **HALO 750 WDG** is applied on soil with a pH (H₂O) of less than 7, and with normal or above average rainfall during and following the season in which the application was performed.
- Rain within 6 hours after an application of **HALO 750 WDG**, can influence weed control adversely.

HAZARD STATEMENT:

- Handle with care.
- Store in a cool place.
- Store away from sunlight and damp areas. Keep in the original, tightly sealed container/bag/sachet, and in a well-ventilated area.
- Store under lock and key, and away from food and feeds.
- Keep out of reach of children, uninformed persons and animals.
- Avoid storage above 35 °C.
- Re-entry:** Do not enter treated area until spray deposit has dried unless wearing protective clothing.

Harmful if swallowed.
May be harmful if inhaled.
Causes mild skin irritation.
Causes eye irritation.
May damage fertility or the unborn child.
Very toxic to aquatic life with long lasting effects.

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. 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, the occurrence of resistance of the pest 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.
Wash hands and face thoroughly after handling.
Wash hands thoroughly after handling. Do not touch eyes.
Do not eat, drink or smoke when using this product.
Avoid release into the environment.
Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
IF SWALLOWED: Get medical help.
IF INHALED: Get medical help.
IF exposed or concerned, get medical advice.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Rinse mouth.
If skin irritation occurs: get medical help.
If eye irritation persists: Get medical help.
Collect spillage.
Store locked up.
Dispose of contents/container to suitable landfill in accordance with local regulations.

- Do not inhale the spray mist.
- Avoid skin and eye contact.
- Wash contaminated clothing after use.
- Wash with soap and water after use.
- Do not eat, drink or smoke whilst mixing or applying the product or before washing hands and face and change of clothing.
- Prevent drift of spray mist on to other crops, grazing, rivers, dams or areas not under treatment.

Cleaning of application equipment:

Special attention and care must be taken with cleaning of all equipment used in the mixing and application of **HALO 750 WDG**, before using it for applications in other crops:

- Drain the spray tank and rinse thoroughly with ample water. Flush the pipes, boom and nozzles of applicator with the water.
- Drain the spray tank again and fill with clean water to 15 to 20 % of tank capacity whilst thoroughly rinsing all inside surfaces of the spray tank.
- Add 75 ml sodium hypochloride (3.5% bleach) per 10 litres water. Bleed the system, to ensure that all pipes, booms and nozzles are filled with the sodium hypochloride solution by spraying the solution through all nozzles for 1 minute. Let the remaining rinsate solution circulate within the spraying system for at least 5 to 10 minutes.
- Drain the spray tank and pipe system completely and dispose according to local regulations.
- In order to remove traces of the tank cleaner, flush the spray tank thoroughly with clean water, rinsing all the inside surfaces. Spray this rinsate through the nozzles and drain the system.

- **Products and container disposal:**
 - Dispose of surplus product in an incinerator or on a landfill site approved for pesticides.
 - Do not bury in, or spray on to, any area under agricultural use.
 - Dispose of containers/bags/sachets made of plastic, cardboard or paper on a landfill site approved for pesticides or burn in a safe place where there is no risk of contamination by smoke and fumes.
- Prevent contamination of food, feeds, drinking water and eating utensils.

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. Seek medical advice if necessary.
- **Inhalation:** Immediately remove source of contamination or move victim to fresh air. If breathing has stopped, perform artificial respiration and administer oxygen. Avoid mouth-to-mouth resuscitation. Keep person warm and at rest. Treat symptomatically and supportively as and when required. Seek medical advice if necessary.
- **Skin:** Remove contaminated clothing and shoes immediately. Gently wipe off excess chemical. Wash skin gently and thoroughly with non-abrasive soap or mild detergent with large amounts of water until no evidence of chemical remains. Seek medical advice if necessary.
- **Eyes:** Flush eyes immediately with large amounts of gently flowing cold water or normal saline solution, occasionally lifting upper and lower lids, until no evidence of chemical remains (approximately 15 to 20 minutes). If irritation persists, get medical attention.
- **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.

RESISTANCE WARNING

HALO 750 WDG is a group code 2 herbicide. Any weed population may contain individuals naturally resistant to HALO 750 WDG and other group code 2 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by HALO 750 WDG or any other group code 2 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

- Nutsedge (*Cyperus* spp.) is not controlled by **HALO 750 WDG** pre-emergence; therefore, poor control of late germinating *Cyperus* spp. can be expected. Under such circumstances a second application may be necessary before the crop canopy closes.
- **HALO 750 WDG** has restricted activity on broadleaved weeds and must be mixed with broadleaved herbicides for a more complete spectrum of broadleaved weed control.
- **HALO 750 WDG** has no activity on grasses. Grasses must therefore be controlled pre-emergence with a suitable grass herbicide (e.g. Metolachlor or Acetochlor). Consult the appropriate label for details.
- Do not apply **HALO 750 WDG** on crops that are stressed by severe weather conditions, drought, flooding, disease or insect damage.
- If rain occurs within 6 hours after a HALO 750 WDG application, weed control may be reduced.

DIRECTIONS FOR USE: Use only as indicated.

Compatibility:

- **HALO 750 WDG** is compatible with Villa 51 (L 8050 / W 130454 / N-AR 1090) and Summit Super (L 8539).
- **HALO 750 WDG** should not be applied in mixtures with other herbicides, fungicides, insecticides, fertilizers or any other chemicals not mentioned on this label.
- Do not decrease the pH of **HALO 750 WDG** spray mixtures drastically, as this could result in decreased weed control.

Mixing instructions:

HALO 750 WDG is a water dispersible granular formulation, which mixes readily with water, if the following mixing procedures are observed:

- Fill the spray tank quarter- to half full with water and activate the agitation mechanism.
- Add the required amount of **HALO 750 WDG** directly to the tank without prior creaming.
- Continue agitation while topping up the tank with water and while spraying.
- Use **HALO 750 WDG** spray mixtures within 24 hours, as the efficacy may be reduced due to product degradation.
- Thoroughly agitate before re-using.

APPLICATION RATES:

Ground application: Apply **HALO 750 WDG** as a full cover application.

<i>Purpose of Application</i>	<i>HALO 750 WDG Application rate</i>
Control of <i>Cyperus</i> spp. ONLY in Kikuyu & Cynodon lawns	1 g in 4 to 8 l water (can cover up to 200 m ²)

NOTES

- Two applications of HALO 750 WDG may be necessary to achieve effective control of late germinating Nutsedge.
- To obtain best results, apply HALO 750 WDG on actively growing Nutsedge under moist conditions 3 to 5 weeks after planting, after the majority of the Nutsedges have germinated but before flowering. New germination of Nutsedge may occur if application was performed too early. Later applications when the Nutsedge is in flower, will also give suboptimal results.
- The optimal time of application is determined by the development stage of the Nutsedges (should not exceed the 4-leaf stage).
- The degree and duration of weed control obtained will depend on weed size, growing conditions during and time after application, soil pH (H₂O) and rainfall.

Follow-up treatments may be necessary for the control of Nutsedge in lawns.

THE FOLLOWING WEEDS ARE NORMALLY CONTROLLED AT THE DOSAGE RATE AS INDICATED ABOVE:	
<i>Cyperus esculentus</i>	Yellow nutsedge
<i>Cyperus rotundus</i>	Purple nutsedge

Add 10 ml per 10 litres water Villa 51 or 30 ml / 10 l water Summit Super to the tank mixture.
Refer to the "NOTES" above.

VILLA 51 and/en SUMMIT SUPER are registered products of / is geregistreerde produkte van Villa Crop Protection (Pty) Ltd.