

# HALO 750 WDG

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

HRAC HERBICIDE GROUP CODE B

Aktiewe Bestanddeel: halosulfuron (sulfonylurea) 750 g/kg

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



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## CAUTION

### 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 (H<sub>2</sub>O) 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.

- Handle with care.
- Harmful if swallowed.
- 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.
- Very toxic to aquatic life.
- Avoid storage above 35 °C.
- Re-entry: Do not enter treated area until spray deposit has dried unless wearing protective clothing.

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:

- 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.

## RESISTANCE WARNING

**HALO 750 WDG** is a group code B herbicide. Any weed population may contain individuals naturally resistant to **HALO 750 WDG** and other group code B 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 B 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.

## GENERAL INFORMATION

- **HALO 750 WDG** rapidly inhibits the growth of susceptible weeds. Visible symptoms of dying weeds, however, may not be noticeable for 1 to 3 weeks after application, depending on growing conditions and susceptibility of the weeds.
- Re-growth of Nutsedge may occur if **HALO 750 WDG** applications are followed by a dry period and then a wet period later in the season.

## 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.

### APPLICATION RATES OF HALO 750 WDG.

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

## 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 (H<sub>2</sub>O) 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.