

SOLIDA® 250 WG



Registration Number L 8892, Act 36 of 1947

A water dispersible granular herbicide for post-emergent control of various annual weeds as listed in potatoes and tomatoes.

'n Water disperseerbare korrel onkruidodder vir die na-opkoms beheer van eenjarige onkruid soos gelys in aartappels en tamaties.

HERBICIDE GROUP CODE

B

ONKRUIDGROEPKODE

Active ingredient:

Rimsulfuron (sulfonyl urea)..... 250 g/kg

Aktiewe Bestanddeel

Rimsulfuron (sulfonielureum)

Net volume

ℓ

.....Netto volume

Registered by / Geregistreer deur:

FMC Chemicals (Pty) Ltd

Post Box 44

Postnet Menlyn

Waterkloof Glen

0181

For any emergency or poisoning contact:

Griffon Poison Information

Centre (24 hrs)

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Batch Number		Lotnommer
Date of Manufacture		Vervaardigingsdatum

UN number/ VN nommer: 3077



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WARNINGS:

- Allow 30 days between harvest and last application of **SOLIDA®**.
- Irritation to the eyes, skin and mucous membranes may occur after overexposure and result in general malaise.
- Keep out of reach of children, animals and uninformed persons.
- Store in a cool, dry place. Store away from food and feeds.
- When lengthy wet, cold conditions prevail soon after **SOLIDA®** application, a yellowing of the leaves of plants, and in extreme cases, temporary stunting, may occur. Injury is more prevalent under poor drainage or compacted conditions or when soil is saturated for long periods of time. Crops will rapidly outgrow stunting once favourable growing conditions return.
- Should the recommended dosage rates be exceeded crop damage may occur.

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 climatic and storage conditions, quality of dilution water; compatibility with other substances not indicated on the label and the occurrence of resistance of 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:

- Do not eat drink or smoke whilst handling this product.
- Prevent contamination of food, feed, drinking water and eating utensils.
- Wear rubber gloves and a face shield when handling the concentrate. Do not inhale the dust. Eye contact: flush immediately with running water for at least 15 minutes. Skin contact: wash it off immediately. Contaminated clothing: Change and wash any contaminated clothing.
- While spraying, avoid contact with and inhalation of the spray mist.
- Avoid spray drift onto other crops, grazing, rivers, dams or areas not under treatment
- Clean applicator thoroughly after use and dispose of wash water where it will not contaminate crops, grazing, rivers or dams.
- Clean the applicator as follows:
 1. Drain the tank completely and then flush the tank, boom and hoses with clean water. Fill and drain again.
 2. Fill the tank with clean water and add household ammonia (contains 3 % active) at the rate of 1 l for every 100 l water. Then drain again completely. To remove traces of ammonia, rinse the tank with clean water and flush through booms and hoses.
 3. Repeat step 2.
 4. Nozzles and filters must be removed and cleaned separately with ammonia solution at the same concentration as above.
 5. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.
- Do not spray, drain or flush equipment on or near trees or plants or where their roots may extend.
- Destroy empty container and do not use for any other purpose.
- Change clothes and wash after spraying.

RESISTANCE MANAGEMENT:

When herbicides with the same mode of action are used continuously over several seasons, it is possible that a selection of naturally occurring resistant weed species may take place. These will propagate and become dominant. A weed species is resistant to a herbicide if it survives a treatment correctly carried out at the recommended dose and application timing.

If a weed species is resistant to one sulfonylurea product, it can be expected that it will be resistant to all sulfonylurea herbicides.

To delay herbicide resistance: Alternate with product(s) having a different mode of action.

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

FOLLOW-UP CROPS:

- | | |
|--|---|
| 1. Potatoes & transplant tomatoes | - may be planted immediately following an application |
| 2. Maize, tobacco and direct seeded tomatoes | - may not be planted within 3 months of an application |
| 3. All other crops | - may not be planted within 12 months of an application |
- A test planting is recommended.

USE RESTRICTIONS:

- SOLIDA® may have a short residual effect on germinating weeds. Control might be affected by factors such as weed species, soil pH, soil moisture and soil temperature.
- The efficacy of SOLIDA® will be adversely affected if cool, dry conditions prevail after spraying.
- Soils with exceptionally high clay content, high cation exchange capacity (CEC) and exceptionally high organic matter may also adversely affect the efficacy of SOLIDA®.
- Prepare only sufficient spray for immediate use and under no circumstances should unused spray mixture be held overnight.
- Do not spray SOLIDA® onto the crop when it is growing under stress (stress can result from water logging, drought, disease, insect damage and mineral element deficiencies, especially nitrogen).
- Use only water of which the quality is suitable for overhead irrigation. Avoid water with a conductivity exceeding 1,0 mS/cm, a resistance of less than 300 ohm and pH higher than 8.
- It is not recommended that SOLIDA® be used on potatoes grown for seed certification.

DIRECTIONS FOR USE: Use only as directed.

- Apply SOLIDA® after emergence of the weeds. SOLIDA® can be applied pre- or post emergent of potatoes. SOLIDA® can be applied at any time on transplanted tomatoes but not before the 4 leaf stage in the case of direct seeded tomatoes.
- Apply SOLIDA® between the 3-6 leaf stage of the weeds.
- SOLIDA® is absorbed mainly through the leaves and should be applied on young actively growing weeds.
- The **addition of a surfactant is essential** to improve the activity of SOLIDA® under all conditions. Refer to the application table for specific recommendation.
- Rainfall or irrigation within 3 hours of SOLIDA® application may result in decrease or loss of activity.

MIXING INSTRUCTIONS:

- Pre-mix the required amount of **SOLIDA®** with a small amount of water to form a smooth creamy paste.
- Half-fill the spray tank with water.
- Add the pre-mixed product to the tank through a sieve. Top up to the required volume while agitating continuously.
- Add the required amount of surfactant to the spray mixture and wait until thoroughly mixed and ensure spray tank is filled to correct level before commencing application.
- Maintain thorough agitation of the spray mixture at all times.

APPLICATION:

Apply by means of tractor mounted boom sprayer or knapsack sprayer which is correctly calibrated to deliver at least 200 l spray mixture/ha at a constant speed and pressure (100-200 kPa) to ensure an even delivery. Avoid overlapping of swaths and close the nozzles during starting, slow movement, turning and stopping to prevent over-application.

Ensure that application equipment is fully operational and correctly calibrated before commencing with the spray programme.

Crop	Dosage
Potatoes and Tomatoes	90 g per ha + surfactant: Break-Thru® at 0.5% or Armoblen 650 at 0,1-0,2 % or Agripon Super at 2-3 l per ha.
Remarks	
<ul style="list-style-type: none"> • Do not spray onto direct seeded tomatoes before the 4 leaf stage. • Apply as a post-emergence spray to actively growing young weeds in the 3-6 leaf stage. • Treat grasses before the tillering stage. 	

WEEDS CONTROLLED:

The following weeds are normally controlled by an application of **SOLIDA®**:

BOTANICAL NAME	COMMON NAME
<i>broadleaf weeds</i>	
<i>Amaranthus spp.</i>	Pigweed
<i>Convolvulus arvensis</i>	Field bindweed
<i>Emex australis</i>	Spiny emex
<i>Fumaria muralis</i>	Drug fumitory
<i>Raphanus raphanistrum</i>	Wild radish
<i>Schkurhia pinnata</i>	Dwarf marigold
<i>Sida rhombifolia</i>	Pretoria sida
<i>Spergula arvensis</i>	Spurry
<i>Stellaria media</i>	Chick weed
<i>Tribulus terrestris</i>	Common dubbeltjie
<i>Vicia sativa</i>	Broadleaved Purple Vetch
<i>grass weeds</i>	
<i>Avena fatua</i>	Common wild oats
<i>Panicum maximum</i>	Common buffalo grass
<i>Panicum schinzii</i>	Vlei panicum
<i>Tragus berteronianus</i>	Small carrot seed grass

Break-Thru® (L6764) is a registered trademark of Goldschmidt Chemical Corporation
 Armoblen 650 (L4159) is the registered trademark of Akzo Chemie
 Agripon Super (L3022) is the registered trademark of BP S.A. (Pty) Ltd.