



GLUFOS 200 SL

Reg. No. L9715, Act No. 36 of 1947 | Reg. Nr.L9715, Wet Nr. 36 van 1947

A non-selective soluble concentrate herbicide, with contact and systemic action, for the control of certain broadleaf weeds, sedges and grass weeds in crops as indicated, as well as for industrial use and for unplanted areas.

h Nie-selektiewe oplosbare konsentraat onkruiddoder, met sistemiese en kontak aksie, vir die beheer van sekere breëblaaronkruidе, watergrasonkruidе en grasonkruidе in gewasse soos aangedui, asook vir industriële gebruik en vir onbeplante gebiede.

HERBICIDE GROUP CODE H

ACTIVE INGREDIENT:

Glufosinate-ammonium 200 g/l

Registration Holder | Registrasiehouer

Sharda International Africa (PTY) LTD

Reg. No./Reg. Nr. 2010/002268/07

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ONKRUIDDODER GROEPKODE H

AKTIEWE BESTANDDEEL:

Glufosinaat-ammonium 200 g/l

BATCH NO. LOT NR.	
EXPIRY DATE VERVAL DATUM	

NET CONTENTS /
NETTO INHOUD

200 l

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**HARMFUL
SKADELIK**



WARNINGS

- Handle with care.
- Harmful if swallowed.
- Keep out of reach of children, uninformed persons and animals.
- Store in the original container in a cool place under lock and key, away from food, feed, fertiliser and seed.
- In case of poisoning, call a physician immediately and make this label available to him/her.
- **Re-entry interval:** Do not enter treated area within 1 day after treatment unless wearing protective clothing.

Although this herbicide 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 soil, 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 inhale fumes or spray mist.
- Wear protective clothing when handling the concentrate (face shield, rubber boots and gloves).
- Avoid contact with the skin and eyes.
- Wash skin with soap and water after use, or in the case of accidental skin contact.
- Wash any contaminated clothing before re-use.
- Do not eat, drink or smoke while mixing or applying or before washing hands and face and change of clothing.
- Prevent contamination of food, feedstuff, eating utensils and drinking water.
- Prevent the drift of spray mist onto other crops, grazing, rivers, dams or areas not under treatment.
- Prevent the direct spraying of, and the drift of spray mist onto, crops and desirable plants and trees.
- Apply this product strictly in accordance with the application directions.
- Rinse the empty container three times with a volume of water equal to a minimum of 10 % of that of the container. Add the rinsings to the contents of the spray tank before disposing of the container by perforation and flattening. Never use the container for any other purpose.
- Clean the applicator thoroughly after use and dispose of the wash water where it will not contaminate crops, grazing, rivers or dams.

SYMPTOMS OF HUMAN POISONING:

Symptoms may include the following: nausea, vomiting, gastrointestinal disturbance, diarrhoea, trembling, impaired consciousness, convulsions, salivation, irregular breathing and coma.

FIRST AID:

Eye contact: Flush eyes with plenty of clean water, occasionally lifting upper and lower eye lids, for at least 15 minutes. Check for, and remove if present, any contact lenses after the first 5 minutes of flushing. Get medical attention should any symptoms develop or persist.

Skin contact: Remove all contaminated clothing and leather items. Wash the skin thoroughly with soap and water, and rinse the skin with large quantities of clean water. Wash any contaminated clothing before reuse.

Inhalation: Remove patient to fresh air. Get medical attention should any symptoms develop or persist.

Ingestion: If swallowed, immediately give a large amount of water to drink. Rinse the mouth with clean water. Do not induce vomiting. If vomiting does occur, administer more water. Never give anything by mouth to an unconscious person. Get medical attention.

NOTE TO PHYSICIAN: There is no specific antidote. Treat symptomatically and supportively.

If large quantities have been ingested, gastric lavage and the administering of activated charcoal may be considered, as well as forced alkaline diuresis or haemodialysis.

RESISTANCE WARNING:

For resistance management "GLUFOS 200 SL" is a group code H herbicide. Any weed population may contain individuals naturally resistant to "GLUFOS 200 SL" and other group code H herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by "GLUFOS 200 SL" or any other group code H herbicide.

To delay herbicide resistance:

- Avoid exclusive repeated use of herbicides from the same herbicide group code. Alternate or tank mix with registered 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.

DIRECTIONS FOR USE: Use only as directed.**COMPATIBILITY:**

For improved weed control in tree and vine crops, "GLUFOS 200 SL" can be tank mixed with "SHARDA OXYFLUORFEN 240 EC" (Reg. No. LXXXX Act No. 36 of 1947) and MCPA 400 SL. Always strictly adhere to the mixing instructions, and always read and follow the recommendations and directions for use on this label as well as on the label for the product with which "GLUFOS 200 SL" is mixed. Water quality can affect compatibility. It is recommended that a compatibility test be carried out prior to use.

MIXING AND APPLICATION:**Mixing instructions**

Half fill the spray tank with water, add the required amount of "GLUFOS 200 SL", and then fill the spray tank to the desired volume. When spraying a tank mix, add "GLUFOS 200 SL" to the spray tank first followed by the other tank mix product. Ensure agitation of the spray mixture during mixing and spraying.

Ground application

- Depending on the size of the weeds, apply the product using a water volume of 300 to 500 l/ha.
- Weeds in the seedling stage (≤ 10 cm in height): use the lower recommended dose. Weeds that are between 10 cm and 50 cm: use the higher recommended dose. Weeds that exceed a height of 50 cm: increase the water volume used to 800 l/ha, but do not exceed the highest dose.

Spot treatment:

- The same concentration should be used (15 to 25 ml per l water) and the same recommendations should be followed as for overall spraying.
- Ensure thorough coverage of the weeds with the spray mixture.

Application timing

CROP	APPLICATION TIMING
Summer rainfall region: Citrus Grapes Pome fruit Nuts Stone fruit Subtropical fruit	Begin spraying during late spring when there is sufficient soil moisture and the weeds are actively growing. If necessary, repeat the application 7 to 8 weeks later.
Summer rainfall region: Industrial use Unplanted areas	Apply when the weeds are actively growing. Do not apply if the weeds are under stress (low temperatures or drought). For best results, apply 1 to 3 days after rainfall while there is sufficient soil moisture to support active plant growth.

General

- Only seedlings that have emerged by the time the product is applied will be controlled.
- Yellowing and leaf scorch will be visible on the aerial parts of the plants 7 to 10 days after application. Depending on the spectrum of weeds and the environmental conditions, maximum control is achieved 2 to 6 weeks after application.
- Do not apply to weeds under stress (heat, drought, cold, waterlogging, salinity) as efficacy may be affected. The same applies to weeds that are dormant or senescing, or weeds that are growing slowly due to other factors which are inducing stress.
- For perennial weeds, a rain- and/or irrigation-free period of 12 hours is required after application. For annual weeds, a rain- and/or irrigation-free period of 8 hours is required after application.
- Do not apply to wet weeds (irrigation, rainfall, dew, frost).
- Do not apply if weeds are covered in dust, debris or mud.
- Ensure that spray (either direct spray or drift of spray mist, or both) does not reach green leaves, green stems, active buds and/or fruit.
- "GLUFOS 200 SL" has little or no soil activity.
- Banana trees should be at least 2 years old before the spray is permitted to come into contact with these plants. Only the bases of the pseudostems should be permitted to come into contact with the spray.

WEEDS CONTROLLED AND DOSAGE RATES:**Summer rainfall region****Broadleaf weeds:**

WEED NAME		DOSAGE RATE (€ PER HA)	NOTES
BOTANICAL NAME	COMMON NAME		
<i>Acanthospermum hispidum</i>	Upright starbur	5.0 – 7.5	1. & 3.
<i>Alternanthera pungens</i>	Khaki bur weed	3.0 – 5.0	1.
<i>Amaranthus spinosus</i>	Thorny pigweed	3.75 – 5.0	1. & 3.
<i>Amaranthus species</i>	Pigweed	5.0 – 7.5	1. & 3.
<i>Bidens pilosa</i>	Blackjack	5.0 – 7.5	1. & 3.
<i>Chenopodium album</i>	White goosefoot	5.0 – 7.5	1. & 3.
<i>Chenopodium carinatum</i>	Green goosefoot	5.0 – 7.5	1. & 3.
<i>Commelina benghalensis</i>	Wandering jew	5.0 – 7.5	2.
<i>Coryza bonariensis</i>	Flax-leaf fleabane	5.0 – 7.5	1. & 3.
<i>Coryza canadensis</i>	Horseweed fleabane	7.5	1. & 3.
<i>Datura stramonium</i>	Thorn apple	5.0 – 7.5	1. & 3.
<i>Euphorbia hirta</i>	Red milkweed	5.0 – 7.5	2.
<i>Fallopia convolvulus</i>	Climbing knotweed	3.0 – 5.0	1.
<i>Galinsoga parviflora</i>	Gallant soldier	3.0 – 5.0	2.
<i>Lepidium africanum</i>	Pepper cress	5.0 – 7.5	1.
<i>Oxalis species</i>	Sorrel	3.0 – 5.0	2.
<i>Physalis angulata</i>	Wild gooseberry	3.0 – 5.0	2.
<i>Portulaca oleracea</i>	Purslane	5.0 – 7.5	2.
<i>Richardia brasiliensis</i>	Tropical richardia	5.0 – 7.5	2.
<i>Rumex lanceolatus</i>	Smooth dock	5.0 – 7.5	1. & 3.
<i>Schkuhria pinnata</i>	Dwarf marigold	5.0 – 7.5	1.
<i>Sida rhombifolia</i>	Arrowleaf sida	5.0 – 7.5	1. Apply to seedlings.
<i>Tagetes minuta</i>	Khaki weed	7.5	1. & 3.
<i>Verbena bonariensis</i>	Purple top	5.0 – 7.5	1. & 2.

1. Spray before seed sets

2. Spray at any stage (while still actively growing)

3. Spray before plants reach a height of 25 cm

Sedges:

WEED NAME		DOSAGE RATE (€ PER HA)	NOTES
BOTANICAL NAME	COMMON NAME		
<i>Cyperus esculentus</i>	Yellow nutsedge	7.5	Apply the first spray when flowering has commenced. A single application will give variable control and suppression. It is recommended that the application be repeated after 21 days.
<i>Cyperus rotundus</i>	Purple nutsedge	7.5	
<i>Kyllinga erecta</i>	White sedge	7.5	

Annual grasses:

WEED NAME		DOSAGE RATE (€ PER HA)	NOTES
BOTANICAL NAME	COMMON NAME		
<i>Bromus unioloides</i>	Rescue grass	5.0 – 7.5	2. Repeat when 50 to 60 % regrowth occurs.
<i>Digitaria sanguinalis</i>	Crab finger-grass	5.0 – 7.5	1.
<i>Echinochloa colona</i>	Marsh grass	5.0 – 7.5	1.
<i>Eleusine coracana</i>	Goose grass	5.0 – 7.5	1.
<i>Eleusine indica</i>	Goose grass	5.0 – 7.5	1.
<i>Eragrostis aspera</i>	Rough lovegrass	5.0 – 7.5	2. Repeat when 50 to 60 % regrowth occurs.
<i>Rhynchelytrum repens</i>	Natal red-top	5.0 – 7.5	1.
<i>Setaria verticillata</i>	Sticky bristle grass	5.0 – 7.5	1.
<i>Sporobolus pyramidalis</i>	Cats tail drop seed	5.0 – 7.5	1.
<i>Tragus berteronianus</i>	Small carrotseed grass	5.0 – 7.5	1.
<i>Tragus racemosus</i>	Large carrotseed grass	5.0 – 7.5	1.
<i>Urochloa panicoides</i>	Herringbone grass	5.0 – 7.5	1.

1. Spray before seed sets

Perennial grasses:

- Applications should be repeated when 50 to 60 % regrowth has occurred.
- Apply no less than 300 l spray mixture per ha.
- Ensure thorough coverage of the weeds with the spray mixture.

WEED NAME		DOSAGE RATE (€ PER HA)	NOTES
BOTANICAL NAME	COMMON NAME		
<i>Cynodon dactylon</i>	Common couch	7.5	2. Multiple applications. Apply when there is sufficient leaf area to accommodate uptake, but before the grass forms a recumbent mat.
<i>Panicum maximum</i>	Common buffalo grass	5.0 – 7.5	2. If regrowth occurs, reapply using the lower dosage rate.
<i>Paspalum dilatatum</i>	Common paspalum	5.0 – 7.5	2. If regrowth occurs, reapply using the lower dosage rate.
<i>Paspalum distichum</i>	Couch paspalum	7.5	2. If regrowth occurs, reapply.
<i>Paspalum paspaloides</i>	Couch paspalum	7.5	2. If regrowth occurs, reapply.
<i>Pennisetum clandestinum</i>	Kikuyu	5.0 – 7.5	2. Reapply after 5 to 8 weeks if regrowth occurs. The lower dosage rate will be sufficient for follow-up crops.

2. Spray at any stage (while still actively growing)

All regions

WEED NAME		DOSAGE RATE (€ PER HA)	NOTES
BOTANICAL NAME	COMMON NAME		
<i>Phragmites australis</i>	Common reed	15.0	When regrowth has reached a height of 1 metre after burning or slashing, apply in 1000 l water per ha.

Only apply "GLUFOS 200 SL" where the areas of growth are drained, or where the water systems are closed, or confined areas with standing water (e.g. dams and pans). Where "GLUFOS 200 SL" has made contact with adjoining water, do not use that water for domestic purposes for at least 24 hours.

