

MAKHRO HOME AND GARDEN (PTY) LTD

GLYPHOGAN 360 SL

Reg. Nr. L5393 – Act 36 of 1947 / N-AR 0491

A systemic herbicide for the control of weeds and grasses.

'n Sistemiese onkruidodder vir die beheer van onkruid en grasse.

Distributed by:

Makhro Home And Garden (Pty) Ltd

Reg. Nr. 2014 / 283523 / 07

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HRAC GROUP CODE HERBICIDE G HRAC ONKRUIDDODER GROEPKODE

ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL

Glyphosate (glycine)	360 g/l	Glifosaat (glisien)
(glyphosate isopropylamine salt)	480 g/l	(glifosaat isopropielamien sout)

Registration Holder: ADAMA SOUTH AFRICA (PTY) LTD

Reg. No. 1992/001741/07. 21 Viben Street, Brackenfell 7560



Green band

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GLYPHOGAN 360 SL

L5393 – Wet 36 van 1947 / N-AR 0491

HRAC ONKRUIDDODER GROEIKODE G

 Aktiewe Bestanddele: Glifosaat (glisien) 360 g / t ae/se
 (glifosaat isopropielamien sout 480 g / t)

WAARSKUWINGS:

- Irriterend vir die vel en oë.
- Moet nie **GLYPHOGAN 360 SL** oplossings meng of berg of toedien vanuit gegalvaniseerde staal of ongevoerde houers (behalwe vlekvrye staal) nie aangesien dit chemies met die staal reageer om waterstofgas te vorm wat hoogs vlam-baar is.
- Stoor weg van voedsel, voer, saad en ander landbouchemikalieë.
- Hou onder slot en grendel buite bereik van kinders, oningeligte persone en diere.

Alhoewel hierdie middel omvattend onder 'n groot verskeidenheid toestande getoets is, waarborg die registrasiehouer nie dat dit onder alle toestande doeltreffend sal wees nie aangesien die werking en effek daarvan beïnvloed kan word deur faktore soos abnormale grond, klimaats- en bergingstoestande, kwaliteit van verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie en die voorkoms van weerstand van die siekte teen die betrokke middel sowel as die metode, tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei, die omgewing of vir nadelige effek op mens of dier of vir 'n gebrek aan prestasie van die betrokke middel as gevolg van die versium van die gebruiker om etiketaanwysings na te kom of as gevolg van die ontstaan van toestande wat nie kragtens die registrasie voorsien kon word nie. Raadpleeg die verskaffer in geval van enige onsekerheid.

VOORSORGMATREËLS:

- Vermey insamling van spuitmis en dampe.
- In geval van toevallige velkontak was deeglik met seep en water.
- In geval van toevallige oog kontak, was uit met water vir 15 minute en kry mediese aandag indien nodig.
- Voorkom wegdrywing van spuitstof na vatbare of eetbare gewasse, weiding en enige ander gebied wat nie onder behandeling is nie, aangesien dit ernstige gewasskade kan veroorsaak.
- Voorkom besoedeling van voedsel, voer en eetgerei.
- Direkte of spuitnewel kontak van **GLYPHOGAN 360 SL** met blare en / of onvolwasse bas van gewenste plante kan lei tot gelokaliseerde of getranslokeerde skade.

GBRUIKSAANWYSINGS: Gebruik slegs soos aangedui

ALGEMENE INLIGTING:

- Die onkruidodende effek van **GLYPHOGAN 360 SL** is eers vanaf twee weke na toediening sigbaar.
- Dien **GLYPHOGAN 360 SL** na opkom van aktiefgroeiende onkruid toe, gerig op die blare en onvolwasse bas. Bespuit moeilik beheerbare meerjarige onkruid in die vroeë herfs ten tye van aktiewe translokasie van plantvoedingstowwe na die wortels, knolle, wortelstokke of uitlopers. Behandel hergroei met kolbespuiting.
- Moet nie spuit as die onkruid nat, dormant, onder stremming, met stof bedek of deur ryp beskadig is nie.
- Reën of besproeiing binne 6uur na toediening mag die effektiwiteit van **GLYPHOGAN 360 SL** verminder.
- In gemengde onkruidsituasies (waar een-en meerjarige onkruid saam voorkom), moet die eenjarige onkruid chemies of meganies beheer word. Wag vir aktiewe hergroei van meerjarige onkruid en bespuit of kolbehandel hergroei.
- Indien in n' tenkmengsel met ander chemikalieë toegedien word, geld die etiketaanbeveling van alle betrokke produkte.
- Voorplant onkruidbespuitings op sandgrond (<10% klei) moet 14 – 21 dae voor uitplant van saailinge plaasvind. Veral tamatie- en tabaksaailinge is baie gevoelig vir die oordrag van glifosaat

TOEDIENINGSHOEVEELHEDE:

- 'n Liter (1l) spuitmengsel sal 10 m² – 20 m² be spuit. (1l / 10 m² – 20 m²).
- Vir die beheer van jong eenjarige gras en breëblaaronkruid (tot met 8-blaarstadium) gebruik 'n 1% oplossing (10 – 15 ml **GLYPHOGAN 360 SL** per 1l water).
- Vir die beheer van gevestigde aktiefgroeiende eenjarige grasse en breëblare en sommige meerjarige onkruid gebruik 1,0 – 1,5% spuitoplossing (10 – 15 ml **GLYPHOGAN 360 SL** per 1l water).
- Verseker deeglike bedekking van onkruid.

Avena spp	Wildehawer
Hordeum murinum	Wildegars
Bromus spp	Predikantsluis / reddingsgras
Lolium spp	Raaigras
Eleusine indica	Jongosgras
Poa annua	Wintergras
Eragrostis curvula	Weeping bluegrass
Tragus racemosus	Large carrot seed grass
Digitaria sanguinalis	Crab finger grass

EENJARIGE BREËBLARE

Amaranthus spp	Misbredie
Datura spp	Stinkblaar
Arctotheca calendula	Soetgousblom
Galingsoga parviflora	Knopkruid
Argemone subfusiformis	Bloudissel
Portulaca oleracea	Gewone porslein
Bidens spp	Knapsekêrel
Schukuria pinnata	Kleinkakiebos
Chenopodium spp	Hondebossie
Sonchus spp	Sydissel
Conyza spp	Skraalhans
Tagetes minuta	Lankakiebos

MEERJARIGE ONKRUID

Pennisetum clandestinum	Kikuyu
Rumex spp	Steenboksuring
Malva parviflora	Kiesieblaar
Plantago lanceolata	Tongblaar
Oxalis spp	Suring

Vir die beheer van meerjarige gras en breëblare onkruid 15ml / 1l water (1,5%)

Cynodon dactylon	Kweek
Paspalum dilatatum	Polpaspalum
Cyperus esculentus	Geeluintjie
Convolvulus arvensis	Akkerwinde
Cyperus rotundus	Rooiuintjie
Panicum maximum	Buffelsgras

Vir die beheer van moeilik beheerbare meerjarige grasse, riete en struik 20 ml / 1l water (2,0%)

Eichornia crassipes	Water hiasint
Phragmites australis	Vleijtjiesriet
Lantana comara	Lantana
Rubus spp	Bramble
Paspalum distichum	Kweekpaspalum
Panicum maximum	Common buffalo grass

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 HRAC GROUP CODE HERBICIDE G

 Active Ingredients: Glyphosate (glycine) 360 g / l ae/se
 (glyphosate isopropylamine salt 480 g / l)

WARNINGS:

- Poisonous when swallowed. Irritating to eyes and skin.
- Do not mix, store or apply **GLYPHOGAN 360 SL** solutions in galvanized steel or unlined steel (except stainless steel) containers or spray tanks as reaction will produce hydrogen gas which is highly combustible.
- Store away from food, feeds, seed and other agricultural chemicals.
- Keep under lock and key out of reach of children, uninformed persons and animals.

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

- Avoid inhalation of spray mist or fumes
- In case of accidental skin contact wash thoroughly with soap and water.
- In the case of eye contact wash the eye for 15 minutes and get medical attention if necessary.
- Prevent spray drift and / or contamination onto susceptible or edible crops, grazing or any other areas not under treatment as this may cause serious crop damage
- Prevent contamination of food, food stuffs, drinking water and eating utensils.
- Direct or spray drift contact by **GLYPHOGAN 360 SL** onto leaves and / or immature bark of desired plants can result in serious localized or translocated damage.

DIRECTIONS FOR USE:

Use only as indicated.

GENERAL INFORMATION:

- The herbicidal action is only visible from two weeks after application onwards.
- Apply **GLYPHOGAN 360 SL** post-emergence to actively growing weeds, directed to the foliage and immature bark. For difficult-to-control perennial weeds, application in autumn is recommended when weeds are actively translocating nutrients to their roots, bulbs, rhizomes and stolons. Any re-growth should be spot sprayed.
- Do not spray whilst weeds are wet, dormant or under stress or when covered in a layer of dust or when damaged by frost.
- Rain or irrigation within 6 hours of application can reduce efficacy of **GLYPHOGAN 360 SL**.
- In mixed weed situations (annuals in amongst problem perennials) mow or spray out annuals, wait for vigorous re-growth of perennials and then spray or spot spray on regrowth.
- When applied in a tank mix with other chemicals the label recommendations of all the products apply.
- Pre-plant weed control sprays on sandy soil (<10% clay) should take place 14-21 days before transplanting and seedlings. Tomato and tobacco seedlings, in particular are very sensitive to **GLYPHOGAN 360 SL** carryover.

APPLICATION RATES:

- One liter (1l) spray solution will cover about 10 m² -20 m² (1l / 10 m² – 20 m²).
- For the control of actively growing annual grass and broadleaf (up to 8-leaf) use 1% spray mixture (10 ml **GLYPHOGAN 360 SL** per 1,0l water).
- For the control of established actively growing annual grasses and broad leaf and some perennial weeds use 1,0 – 1,5% spray mixture (10 – 15 ml **GLYPHOGAN 360 SL** per 1l water)

Avena SPP	Wild oats
Hordeum murinum	Wild barley
Bromus spp	Ripgutbrome / Rescuegrass
Lolium spp	Rye grass
Eleusine indica	African goose grass
Poa annua	Wintergrass
Eragrostis curvula	Weeping bluegrass
Tragus racemosus	Large carrot seed grass
Digitaria sanguinalis	Crab finger grass

ANNUAL BROAD LEAVES

Amaranthus spp	Pigweed
Datura spp	Thorn apple
Arctotheca calendula	Cape marigold
Galingsoga parvifl ora	Gallant soldier
Argemone subfusiformis	Mexican poppy
Portulaca oleracea	Purslane
Bidens spp	Blackjack
Schukurhia pinnata	Dwarf marigold
Chenopodium spp	Goosefoot
Sonchus spp	Sowthistle
Conyza spp	Fleabane
Tagetes minuta	Khaki weed

PERENNIAL WEEDS

Pennisetum clandestinum	Kikuyu
Rumex spp	Dock
Malva parvifl ora	Small mallow
Plantago lanceolata	Buckhorn plantain
Oxalis spp	Sorrel

For the control of perennial grasses and broad leaves 15 ml / 1l water (1,5%)

Cynodon dactylon	Quick grass
Paspalum dilatatum	Common paspalum
Cyperus esculentus	Yellow nutgrass
Convolvulus arvensis	Field bindweed
Cyperus rotundus	Purslane nutsedge
Panicum maximum	Common buffalo grass

For the control of difficult-to-control perennial grasses, reeds and shrubs 20 ml / 1l water (2,0%)

Eichornia crassipes	Water hyacinth
Phragmites australis	Common reed
Lantana comara	Common lantana
Rubus spp	Bramble
Paspalum distichum	Paspalum
Panicum maximum	Common buffalo grass