

Ronacil GR



Reg. No.: L8081 Act /Wet No. 36 of/van 1947

A Non-selective root absorbed granular herbicide with extended residual action for the control of undesirable vegetation on non-crop land and on industrial sites.

'n Nie-selektiewe, wortelopneembare korrel-tipe onkruidodder met lang nawerking vir die beheer van 'n ongewenste plantegroei in nie-gewas en nywerheidsgebiede.

HRAC HERICIDE GROUP CODE:	C1 + C2	HRAC ONKRUIDDODER GROEP KODE:
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ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

Bromacil / Bromasil (ureumverbinding).....55 g/kg
Diuron (uracil) / Diuron (urasil).....70 g/kg

Registration holder / Registrasiehouer:

Volcano Agrscience (Pty) Ltd trading as
ARYSTA LifeScience South Africa (Pty) Ltd
Co. Reg. No./Mpy. Reg. Nr.: 2000/004551/07
7 Sunbury Office Park,
off Douglas Saunders Drive,
La Lucia Ridge, South Africa, 4019
Tel: 031 514 5600

Contents/Inhoud

KG

Batch No. / Lot Nr.:	
Date of manufacture: / Datum van vervaardiging:	

U.N. No. 3077



READ THE LABEL IN DETAIL BEFORE OPENING THE CONTAINER. / LEES DIE ETIKET VOLLEDIG VOORDAT DIE HOER OOPGEMAAK WORD.

For full particulars, see enclosed leaflet. / Vir volledige besonderhede, sien ingeslote pamflet.

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CAUTION / VERSIGTIG

WARNINGS:

- Handle with care.
- Harmful when swallowed.
- Can cause irritation to eyes and skin.
- Store unused **Ronacil GR** tightly closed in this container in a cool, well-ventilated place away from food, feeds, seed and other agricultural remedies.
- Avoid contamination of areas not under treatment with **Ronacil GR**.
- Keep behind lock and key out of reach of children, animals and uninformed persons.

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 effects 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 weed to 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 or registration holder in the event of any uncertainty.

PRECAUTIONS

- Do not inhale dust, fumes or spray mist.
- Wear protective clothing when handling the product and when preparing and applying the spray mixture. Wash protective clothing daily.
- Avoid contact with the remedy with the eyes, skin and clothing.
- Wash with soap and water after handling and application or after accidental contact with the skin.
- Do not eat, drink or smoke whilst applying the remedy, but wash hands and face thoroughly before doing so.
- Prevent contamination of food, feed, eating utensils and drinking water.
- Prevent spray drift onto other crops, grazing, rivers, dams, wetlands and areas not to be treated.
- Do not apply where run-off out of the treated area may contaminate water or within 10 metres of a permanent water source.
- Wash water can be disposed of responsibly by applying it to the treated area to prevent contamination of the environment and water sources.

- Do not apply on or within 50 metres of desirable plants or trees (such as windbreaks, ornamental trees or shrubs along roads) or on areas whereto their roots may extend, or in locations where the chemical may be washed or transported along with soil particles into the root zones, as such plants may be killed or severely damaged. Do not use on soils where susceptible plants are to be grown within five years.
- Over-application or any use not in accordance with the directions on this label may lead to off-target and/or environmental damage.

Container disposal:

- Dispose of empty container preferably in a pesticide incinerator, in an approved landfill or burn container on a safe terrain where there is no risk of fire damage.

DIRECTIONS FOR USE

Use only as directed

It is a violation of Government Notices R.1716 of 26 July 1991 and R.181 of 7 February 2003 issued in terms of the Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act, 1947 (Act No 36 of 1947), to use this product in a manner inconsistent with its labelling.

NB: Study all instructions with care before application commences.

- **Ronacil GR** should be applied before, but preferably during, a period when weeds are growing actively.
- Because **Ronacil GR** is absorbed by plant roots, rain is required (after application) to wash the product into the root zone of target weeds.
- **Ronacil GR** can be used for pre- and post-emergence weed control as it is also capable of controlling well established weeds, including perennial grasses. However, better results are normally obtained when such plants are removed mechanically or chemically before applying **Ronacil GR**.
- Drought will adversely affect the result or slow down the herbicidal action. The initial dose applied, the total amount of rain received during the growing season and the soil clay content largely determine the level of control obtained.

METHOD OF APPLICATION

- In order to facilitate accurate application, make use of suitable equipment, like a properly calibrated granular spreader, to apply **Ronacil GR** evenly to the treatment area.
- Avoid application on soil where the organic material present exceeds 20%.

DOSAGE RATES FOR APPLICATION

Soil Type	Dosage (kg/ha)	Comments
Sand and loamy sand (up to 20% clay)	100 – 114kg/ha	On each soil type, use the higher dosage where established weeds are treated.
Sand loam (21 – 35% clay)	115 – 130kg/ha	
Sand clay loam (more than 35% clay)	131 – 144kg/ha	
Ash enriched soil	150kg/ha	

Note:

On small areas: Use 50 – 160 g **Ronacil GR** / 10 m² depending on the clay content of the soil.

WEEDS NORMALLY CONTROLLED BY Ronacil GR

Botanical name	Common name
<i>Acanthospermum hispidum</i>	Upright starbur
<i>Amaranthus hybridus</i>	Cape pigweed
<i>Aristida congesta</i>	Tassel three-awn
<i>Brachiaria eruciformis</i>	Sweet signal grass
<i>Chloris pycnothrix</i>	Spiderweb Chloris
<i>Cynodon dactylon</i>	Common quick grass
<i>Cyperus esculentus</i>	Yellow nutsedge
<i>Cyperus rotundus</i>	Purple nutsedge
<i>Digitaria sanguinalis</i>	Crab finger grass
<i>Eleusine indica</i>	goosegrass
<i>Hyparrhenia hirta</i>	Common thatching grass
<i>Panichum schinzii</i>	Sweet buffalo grass
<i>Pennisetum clandestinum</i>	Kikuyu
<i>Setaria verticillata</i>	Sticky bristle grass
<i>Tagetes minuta</i>	Khakiweed
<i>Tragus racemosus</i>	Large carrotseed grass



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CAUTION / VERSIGTIG

WAARSKUWINGS:

- Hanteer versigtig.
- Skadelik indien ingesluk.
- Vermoë kontak met vel, oë en klere.
- Stoor ongebruikte **Ronacil GR** dig toegemaak in hierdie houër in 'n koel, goedgeventileerde plek weg van voedsel, voer, saad en ander landbouchemikalieë.
- Voorkom besoedeling van areas wat nie met **Ronacil GR** behandel word nie.
- Bêre agter slot en grendel buite die bereik van kinders, diere en oningeligte persone.

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-, klimaat- en bergingstoestande, kwaliteit van verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie en die voorkoms van weerstand van die onkruid teen die betrokke middel sowel as die metode, tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan die omgewing of nadelige effek op mens of dier of vir 'n gebrek aan prestasie as gevolg van die versuim 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 of registrasiehouer in geval van enige onsekerheid.

VOORSORGMAATREËLS

- Moenie onkruidsdoderstof, dampe of spuitnewel inasem nie.
- Dra beskermende oorklere wanneer die produk gehanteer en die spuitmengsel voorberei en toegedien word. Was besoedelde klere daagliks.
- Vermoë kontak met die produk met die oë, vel en klere.
- Was met seep en water ná gebruik en toediening of ná toevallige kontak met die vel.
- Moenie eet, drink of rook terwyl die spuitmengsel aangemaak of toegedien word nie alvorens die hande en gesig nie eers deeglik gewas is nie.
- Verhoed die besoedeling van voedsel, voer, eetgerei en drinkwater.
- Verhoed dat spuitnewel oorwaai na ander gewasse, widing, riviere, damme en gebiede wat nie behandel moet word nie.
- Moenie toedien waar afloop uit die behandelde area water sal besoedel nie en ook nie binne 10 meter van 'n permanente waterbron nie.
- Doen weg met waswater op 'n verantwoordelike wyse soos deur dit uit te giet op die behandelde area. Sodoende sal voorkom word dat die omgewing en waterbronne besoedel word.
- Verhoed besoedeling van voedsel, voer, drinkwater en eetgerei.
- **Moenie die produk op of binne 50 m van gewenste plante soos grasperke, beddings of bome (bv. windbreke en sierbome langs paaie) of op areas waar hul wortels mag wees, of vanwaar die middel saam met grondpartikels na hul wortels beweeg of gespoel kan word gebruik word nie, aangesien sulke plante gedood of ernstig beskadig kan word.**

Moenie op grond waar gevoelige plante binne die volgende vyf jaar geplant gaan word, gebruik nie.

- Oor-dosering of enige gebruik nie in ooreenstemming met die gebruiksaanwysings op hierdie etiket nie, mag lei tot skade aan nie-teikenplante en/of die omgewing.

Wegdoen van leë houer:

- Vernietig die leë houer verkieslik in 'n plaagdoder verasser, gooi die houer weg in 'n goedgekeurde stortingsterrein of verbrand op 'n veilige terrein waar daar nie 'n gevaar van brandskade bestaan nie.

GEBRUIKSAANWYSINGS

Gebruik slegs soos aangedui

Dit is 'n oortreding van Goewermentskennisgewings R.1716 van 26 Julie 1991 en R.181 van 7 Februarie 2003 uitgereik kragtens die Wet op Misstawwe, Veevoedsel, Landboumiddels en Veemiddels, 1947 (Wet No 36 van 1947), om hierdie middel te gebruik op 'n wyse wat strydig is met die etikettering daarvan.

L.W.: Bestudeer die gebruiksaanwysings voor gebruik.

- **Ronacil GR** moet voor- of verkieslik gedurende die aktiewe groeiperiode van teikenplante toegedien word.
- Omdat **Ronacil GR** deur slegs deur plantwortels opgeneem kan word, is reën nodig nadat die produk toegedien is, om die produk tot in die wortelsone van sulke plante te loog.
- **Ronacil GR** is geskik vir beide die voor- en na-opkoms beheer van onkruid aangesien dit ook effektief is vir die beheer van gevestigde onkruid, insluitende meerjarige grasse. In die geval van gevestigde onkruid, veral meerjariges, word normaalweg beter resultate verkry deur sulke plante vooraf chemies of meganies te beheer voor **Ronacil GR** toegedien word.
- Droogte sal resultate nadelig beïnvloed, of minstens die onkruid dodende effek vertraag. Die oorspronklike produk dosis toegedien, die hoeveelheid reënval wat gedurende die seisoen voorkom, asook die grond klei-inhoud, bepaal tot 'n groot mate die vlak van beheer wat behaal sal word.

TOEDIENINGSMETODE

- Om akkurate toediening te verseker, moet daar verkieslik van 'n geskikte korrelstrooier, wat vooraf na behore gekalibreer is, gebruik gemaak word ten einde **Ronacil GR** op 'n **egale wyse** te versprei oor die teikenarea.
- Vermý toediening op gronde waarvan die organiese materiaalinhoud 20% oorskrei.

TOEDIENINGSHOEVEELHEDE

Grondtipe	Dosis (kg/ha)	Opmerkings
Sand en leemsand (tot 20% klei)	100 – 114kg/ha	Wend die hoër dosis aan vir elke grondtipe waar gevestigde onkruid beheer moet word.
Sandleem (21 – 35% clay)	115 – 130kg/ha	
Sanderige kleileem (meer as 35% klei)	131 – 144kg/ha	
As-ryke grond	150kg/ha	

Nota:

Op klein areas: Gebruik 100 – 150g **Ronacil GR** / 10m², afhangende van die klei-inhoud van die grond.

ONKRUIDE WAT NORMAALWEG BEHEER WORD DEUR Ronacil GR

Botaniese naam	Gewone naam
<i>Acanthospermum hispidum</i>	Regopsterklits
<i>Amaranthus hybridus</i>	Kaapse misbredie
<i>Aristida congesta</i>	Witstekgras
<i>Brachiaria eruciformis</i>	Litjiesinjaalgras
<i>Chloris pycnothrix</i>	Spinnerakchloris
<i>Cynodon dactylon</i>	Gewone kweekgras
<i>Cyperus rotundus</i>	Rooiuintjie
<i>Cyperus esculentus</i>	Geeluintjie
<i>Digitaria sanguinalis</i>	Kruisvingergras
<i>Eleusine indica</i>	Jongosgras
<i>Hyparrhenia hirta</i>	Dektamboekiegras
<i>Panichum schinzii</i>	Soetbuffelsgras
<i>Pennisetum clandestinum</i>	Kikoejoe
<i>Setaria verticillata</i>	Klitsborselgras
<i>Tagetes minuta</i>	Kakiebos
<i>Tragus racemosus</i>	grootwortelsaadgras