



PRAMITOL 4 L

Reg. no. L7889 Act/Wet 36 of/van 1947

A suspension concentrate residual herbicide for total vegetation control in non-crop areas. 'n Suspensiekonsentraat nawerkende onkruid-doder vir die totale beheer van plante in gebiede waar geen gewasse aangeplant word nie.

HRAC HERBICIDE GROUP CODE **C1** **HRAC ONKRUIDDODER GROEPKODE**

ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL

Prometon (triazine)..... 480 g/lPrometon (triasien)

NET VOLUME/NETTO VOLUME

..... l

REGISTRATION HOLDER/REGISTRASIEHOUER

ADAMA South Africa (Pty.) Ltd.

Reg. no. 1992/001741/07

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PRAMITOL is a trademark of a company of the ADAMA GROUP.
PRAMITOL is 'n handelsmerk van 'n maatskappy van die ADAMA GROEP.

CONTACT IN EMERGENCY/KONTAK IN NOOD

Griffon Poison Information Centre: +27 82 446 8946

Batch number

Date of Manufacture

Lotnommer

Datum van Vervaardiging

UN no.:



WARNINGS

- Harmful if swallowed.
- Can cause moderate eye irritation.
- Harmful to fish.
- Store in a cool, dry place away from food, feed and other agricultural chemicals.
- Keep 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 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

- Do not eat, drink or smoke while handling this product.
- Avoid contamination of food, feed, drinking water and eating utensils.
- Wear rubber gloves and face shield when handling the concentrate. If you get it in your eyes, flush it out at once. If you get it on your skin, wash it off at once. If you spill it on your clothes, change and wash them.
- Rinse empty container three times with a volume of water equal to at least 10 % to the volume of the container. Add the rinsate to the spray tank.
- Do not use in the root zones of desirable vegetation or where it could be washed to such areas.
- Do not use on areas which will be used in the future for crop production.
- Do not use the product within 60 m of dams, rivers, boreholes or any water sources.
- Ensure that the spray mist does not drift on to areas that is not under treatment.
- Destroy the empty container by perforating and flattening it. Do not re-use the empty container for any other purpose.

Resistance warning

PRAMITOL 4 L is a group code C1 herbicide. Any population of a specific weed may contain individuals naturally resistant to **PRAMITOL 4 L** and other group code C1 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **PRAMITOL 4 L** or any group code C1 herbicides.

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 control methods (chemical, cultural and biological) into weed control programs.
- For specific information on resistance management contact your local agent or distributor of the registration holder.

DIRECTIONS FOR USE

Use only as indicated.

Use restrictions

- **PRAMITOL 4 L** is a herbicide for industrial use and should not be applied to areas where crops may be planted in the future.
- **PRAMITOL 4 L** should not be applied in the root zones or to areas where it can be washed into the root zones of desirable plants.
- **PRAMITOL 4 L** can be applied pre-emergence or post-emergence on target plants.
- Although **PRAMITOL 4 L** is absorbed by leaves, it is mainly taken up by the roots of plants. To ensure effective control, sufficient rain to leach the product to the root zone is necessary.

Compatibility

PRAMITOL 4 L is compatible with products such as **DIUREX® 800 SC** (Reg no. L5334), **GLYPHOGAN® 360 SL** (Reg no. L5393) and formulations containing imazapyr.

Application

PRAMITOL 4 L can be applied by means of any suitable tractor mounted sprayer, knapsack sprayer or sprayers fitted with hand guns, provided it is fitted with an effective agitation system, it is correctly calibrated and is able to distribute the spray mixture evenly over the target area. Use in 200–300 l water per ha. Rain of between 15–25 mm is necessary to leach the **PRAMITOL 4 L** into the soil to ensure absorption by roots which is the main mode of action for effective control by the product.

APPLICATION RATES

Table 1

LOCATION	DOSAGE	REMARKS
Industrial areas, road verges, railway yards, railway lines, fences, fire breaks, etc.	18–36 l/ha	Apply preferably pre-emergence or early post-emergence on actively growing weeds. Use the higher dosage rate on soils with more than 30 % clay or for the control of hard-to-kill weeds as indicated below. It may be necessary to use PRAMITOL 4 L in a tank mixture with DIUREX® 800 SC , GLYPHOGAN® 360 SL or formulations containing imazapyr to control weeds as listed below.

TANK MIXTURES

Control of the weeds in Table 2 can be achieved by the indicated tank mixes with **PRAMITOL 4 L**.

Table 2

WEED	PRAMITOL 4 L AND TANK MIX RATES
<i>Flaveria bidentis</i>	PRAMITOL 4 L 18 l/ha + DIUREX® 800 SC 18 l/ha OR PRAMITOL 4 L 18 l/ha + DIUREX® 800 SC 11,25 l/ha + imazapyr 250 EC 2,0 l/ha.
<i>Trichodesma zeylanicum</i>	PRAMITOL 4 L 36 l/ha OR PRAMITOL 4 L 18 l/ha + DIUREX® 800 SC 18 l/ha

Some weeds that are normally controlled by PRAMITOL 4 L:

BOTANICAL NAME	COMMON NAME
<i>Amaranthus spp</i>	Pigweed
<i>Cenchrus ciliaris</i>	Blue Buffalo grass
<i>Ciclospermum leptophyllum</i>	Wild celery
<i>Cirsium vulgare</i>	Scotch thistle
<i>Conyza spp.</i>	Fleabane spp
<i>Coronopus didymus</i>	Carrot weed
<i>Cynodon dactylon</i>	Quickgrass
<i>Eleusine coracana</i>	Goosegrass
<i>Flaveria bidentis*</i>	Smelters bush
<i>Guilleminea densa</i>	-
<i>Parthenium hysterophorus</i>	Demoina weed
<i>Sutera caerulea</i>	Sutera
<i>Trichodesma zeylanicum*</i>	Late weed

*Refer to Table 2 above.

DIUREX® 800 SC (Reg no. L5334) and GLYPHOGAN® 360 SL (Reg No. L5393) are the registered trade names of ADAMA.

WAARSKUWINGS

- Skadelik indien ingesluk.
- Kan matige irritasie van oë veroorsaak.
- Skadelik vir visse.
- Berg in 'n koel, droë plek weg van voedsel, voer en ander landbouchemikalieë.
- Hou 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 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 in die geval van enige onsekerheid.

Voorsorgmaatreëls

- Moet nie eet, drink of rook terwyl die produk hanteer word nie.
- Vermoed besoedeling van voedsel, voer, drinkwater en eetgerei.
- Spoel die leë houer minstens drie keer uit met 'n volume water gelykstaande aan minstens 10 % van die houer. Gooi die spoelwater in die spuittenk.
- Moet nie in die wortelzones van gewenste plante gebruik of toelaat dat dit kan wegspoel na sulke gebiede nie.
- Moet nie op gebiede toedien wat vir toekomstige gewasaanplantings gebruik gaan word nie.
- Moet die produk nie binne 60 m van damme, riviere, boorgate of ander waterbronne gebruik nie.
- Voorkom dat die spuitnewel oorwaai na gebiede wat nie onder behandeling is nie
- Vernietig die leë houer deur gate daarin te maak en plat te druk en moet vir geen ander doel hergebruik nie.

Weerstandswaarskuwing

PRAMITOL 4 L is 'n groeppkode C1 onkruidodder. Enige populasie van 'n spesifieke onkruid mag individue insluit wat 'n natuurlike weerstand het teen **PRAMITOL 4 L** of enige ander groeppkode C1 onkruidodder. Indien hierdie onkruidodders herhaaldelik aangewend word, kan weerstandbiedende individue uiteindelik die onkruidpopulasie oorheers. Hierdie weerstandbiedende onkruid sal waarskynlik nie deur **PRAMITOL 4 L** of enige ander groeppkode C1 onkruidodders beheer word nie.

Om weerstand teen onkruidodders te vertraag kan die volgende tegnieke toegepas word:

- Vermoed die eksklusiewe herhaaldelike gebruik van onkruidodders met dieselfde groeppkode
- Wissel af met of gebruik tenkmengsels van produkte in verskillende onkruidodder groeppcodes
- Integreer ander beheermaatreëls (chemiese, verbouing en biologies) in onkruidodder programme.
- Vir meer inligting oor weerstandbestuur, skakel met u plaaslike verspreider of die registrasiehouer.

GEBRUIKSAANWYSINGS

Gebruik slegs soos aangedui.

Gebruiksbeperkings

- **PRAMITOL 4 L** is 'n industriële onkruidodder en moet nie in gebiede gebruik word waar gewasse moontlik in die toekoms geplant gaan word nie.
- **PRAMITOL 4 L** moet nie in die wortelones van gewenste plante aangewend word of in gebiede waar dit moontlik na die wortelones kan spoel nie.
- **PRAMITOL 4 L** kan voor- en na-opkom van plantgroei aangewend word.
- Alhoewel **PRAMITOL 4 L** ook deur blare van plante opgeneem word is die belangrikste opname daarvan deur die wortels. Genoegsame reën na toediening is dus noodsaaklik om die middel na die wortelone te loog om effektiewe beheer te verseker.

Verenigbaarheid

PRAMITOL 4 L is verenigbaar met produkte soos DIUREX® 800 SC (Reg no. L533), GLYPHOGAN® 360 SL (Reg no. L5393), en formulasies wat imasapir bevat.

Toediening

PRAMITOL 4 L kan met enige geskikte trekkerspuit, rugsakspuit of spuite met handstange aangewend word mits die spuitapparaat 'n doeltreffende roermeganisme het, korrek gekalibreer is en die spuitmengsel eweredig oor die teikenoppervlak versprei word. Gebruik in 200–300 l water per ha. Reën van 15–25 mm na toediening is nodig om die **PRAMITOL 4 L** in die grond te loog aangesien die belangrikste opname deur die wortels van plante is.

TOEDIENINGSHOEVEELHEDE

Tabel 1

TEIKENGEBIED	DOSIS	OPMERKINGS
Industriële gebiede, padskouers, spoorwegwerwe en spore, draadheinings, brandpaaie ens.	18–36 l/ha	Dien verkieslik voor opkoms of vroeg na opkoms op aktief groeiende onkruid toe. Gebruik die hoër dosis op gronde met meer as 30 % klei of vir die beheer van moeilik beheerbare onkruid soos hieronder aangedui. Dit mag nodig wees om PRAMITOL 4 L in 'n tenkmengsel met DIUREX® 800 SC, GLYPHOGAN® 360 SL of formulasies wat imasapir as aktiewe bestanddeel bevat te gebruik vir die beheer van sekere onkruid soos hieronder aangedui.

TENKMENGSELS

Beheer van die onkruid in Tabel 2 kan verkry word met **PRAMITOL 4 L** in kombinasie met die aangeduide onkruidodders.

Tabel 2

ONKRUID	PRAMITOL 4 L EN TENKMENGSELDOSIS
<i>Flaveria bidentis</i>	PRAMITOL 4 L 18 l/ha + DIUREX® 800 SC 18 l/ha OF PRAMITOL 4 L 18 l/ha + DIUREX® 800 SC 11,25 l/ha + imasapir 250 EC 2,0 l/ha
<i>Trichodesma zeylanicum</i>	PRAMITOL 4 L 36 l/ha OF PRAMITOL 4 L 18 l/ha + DIUREX® 800 SC 18 l/ha

Sommige onkruid wat normaalweg deur PRAMITOL 4 L beheer word:

BOTANIESE NAAM	GEWONE NAAM
<i>Amaranthus spp.</i>	Misbredie
<i>Cenchrus ciliaris</i>	Bloubuffelgras
<i>Ciclospermum leptophyllum</i>	Wildeseldery
<i>Cirsium vulgare</i>	Skotsedissel
<i>Conyza spp.</i>	Skraalhans spp
<i>Coronopus didymus</i>	Peperkruid
<i>Cynodon dactylon</i>	Kweek
<i>Eleusine coracana</i>	Jongosgrass
<i>Flaveria bidentis</i> *	Smeltersbossie
<i>Guilleminea densa</i>	-
<i>Parthenium hysterophorus</i>	Demoina kruid
<i>Sutera caerulea</i>	Ruikbossie
<i>Trichodesma zeylanicum</i> *	-

DIUREX * 800 SC (Reg no L5334) en GLYPHOGAN * 360 SL (Reg no L 5393) is die geregistreerde handelsmerke van ADAMA.