

PURE LAWN

Reg. No.: L 7220 Act No. 36/1947 • NAMIBIA: N-AR 1028

A soluble herbicide for the control of annual broadleaf weeds as listed in lawns and turf.

HRAC HERBICIDE GROUP CODE: 0

ACTIVE INGREDIENT:

MCPA (Potassium salt) (phenoxy acetic salt).....400 g/l

REGISTRATION HOLDER:

Arysta LifeScience South Africa (PTY) LTD
Co. Reg. No.: 2009/019713/07
7 Sunbury Office Park , Off Douglas Saunders Drive
La Lucia, 4019 • Tel: (031) 514-5600

DISTRIBUTOR:

PROTEK, a division of PE-BEE Agri (PTY) LTD
Co. Reg. No.: 2005/036308/07
P.O. Box 72, Heidelberg, 1438
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www.proteksa.co.za

EMERGENCY NO.: 082 446 8946

UN No.: 2902



SKADELIK



WARNINGS:

- Handle product with care.
- Harmful if swallowed.
- Severe irritant to eyes with corneal damage.
- May cause skin irritation.
- Store in a cool, dry well-ventilated place in the original container tightly closed and secured.
- Store away from food, feeds, seed, fertilizer and other agricultural remedies.
- Keep out of reach of children, uninformed persons and animals.
- Re-entry: Do not enter treated area within 1 day after treatment, unless wearing protective clothing.
- AVOID SPRAY DRIFT ONTO SUSCEPTIBLE PLANT E.G. ALL BROADLEAF CROPS AS WELL AS ALL TREES, SHRUBS AND FLOWERING PLANTS.

Although this remedy has been extensively tested under large variety of conditions, the registration holder does not warrant that it will be effective under all conditions. The activity and effect thereof may be affected by factors such as abnormal climatic and storage conditions, quality of dilution water, incompatibility with other substances not indicated on the label and the occurrence of resistance of the weed against the remedy, 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 by 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 spray mist.
- Avoid skin and eye contact by wearing protective clothing when mixing the product.
- In case of accidental eye contact, flush with plenty of water and get medical attention if necessary.
- Wash with soap and water after use and accidental skin contact as well as contaminated clothing
- Do not eat, drink or smoke while mixing or applying the product or before washing hands and face.
- Avoid drift of spray onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean applicator with a household ammonia solution (1 %) before using with other material. Let solution stand for several hours, preferably overnight. Rinse at least twice. To avoid injury to desirable plants, this applicator should not be used for applying chemicals other than herbicides. Dispose of wash water where it will not contaminate crops, food, grazing, rivers or dams.
- Triple rinse empty containers in the following manner: Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the 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 destroying the container in the described manner.
- Destroy the empty container by perforation and flattening and dispose of it in a safe manner.
- Never re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

SYMPTOMS OF HUMAN POISONING:

May cause mild skin irritation to some individuals. Slightly toxic when absorbed through the skin. May cause severe eye irritation with corneal injury. Harmful if swallowed. Very high acute exposure may cause slurred speech, twitching, jerking and spasms, low blood pressure and unconsciousness.

FIRST AID TREATMENT:

Remove patient from source of poisoning and keep him quiet and reassured.

Eyes: Flush eyes with clean gentle flowing water for at least 20 minutes, occasionally lifting upper and lower lids, until no evidence of chemicals remains. If irritation occurs and persists, obtain medical attention.

Skin: Remove contaminated clothing and rinse contaminated body area thoroughly with plenty of soap and cold water, until no evidence of chemical remains. Do not rub skin. Get medical attention if irritation occurs and persists.

Inhalation: Move the patient to fresh air. If breathing difficulty or irritation occurs and persists, obtain medical attention.

Ingestion: Do not induce vomiting. If the patient is alert, have the mouth thoroughly rinsed with water. Give plenty of water to drink (1 to 2 glasses). Seek medical advice immediately, showing container and label.

NOTE TO PHYSICIAN

There is no specific antidote. Treat symptomatically and supportively as and when required. In case of ingestion, gastric lavage could be considered. Give oxygen if respiration is depressed.

RESISTANCE WARNING:

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

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 the control methods (chemical, cultural, biological) into weed control programmes.
- For specific information on resistance management contact the registration holder of this product.

USE RESTRICTIONS:

- To prevent damage, do not permit drift, vapour or spray mist to come into contact with sensitive broadleaf crops, fruit or ornamentals.
- Apply the product strictly in accordance with the application directions.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

- Apply after emergence of broadleaf weeds, growing in an established lawn or turf.
- Apply as a fine and even spray.
- Calibrate the spray equipment carefully prior to application.
- **PURE LAWN** may cause a discoloration of grass. This will be of temporary nature only.
- The application of a nitrogenous fertilizer 2 to 3 weeks prior to treating the lawn or turf with herbicide, is recommended.
- A period of 3 to 6 weeks control is generally obtained.

Mixing Instructions:

- Dilute 50 ml **PURE LAWN** in 5 litre clean water.
- Use the prepared mixture immediately.
- Do not allow to stand overnight.
- Apply the 5 litre spray mixture as an even spray onto 100 m².
- Repeat the application after 14 days, if necessary.
- Use only on weeds growing actively in a soil with sufficient moisture.
- Use only on the fairways in case of golf courses.
- **IMPORTANT:** Application by means of a watering can or equipment attached to garden hoses is not recommended.
- Knapsack sprayers and pressurized sprayers are suitable equipment to use.

WEEDS CONTROLLED:

Some weed species normally controlled by **PURE LAWN**:

<i>Arctotis venusta</i>	Free State daisy
<i>Bidens pilosa</i>	Common Blackjack
<i>Chenopodium album</i>	White goosefoot
<i>Cosmos bipinnatus</i>	Cosmos
<i>Galinsoga parviflora</i>	Gallant soldier
<i>Raphanus raphanistrum</i>	Wild radish
<i>Striga asiatica</i>	Common mealie-witchweed
<i>Tagetes minuta</i>	Khaki weed
<i>Tribulus terrestris</i>	Devil's thorn
<i>Xanthium spinosum</i>	Spiny cocklebur

PURE LAWN

Reg. Nr.: L 7220 Wet Nr. 36/1947 • NAMIBIA: N-AR 1028

'n Oplosbare onkruidodder vir die beheer van eenjarige breëblaaronkruid soos aangetoon, in grasperke en grasvelde.

HRAC ONKRUIDDODER GROEP KODE: 0

AKTIEWE BESTANDEEL:

MCPA (Kaliumsout) (fenoksie-asynsout).....400 g/l

REGISTRASIEHOUER:

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SKADELIK

WAARSKUWINGS:

- Hanteer produk versigtig.
- Skadelik indien ingesluk word.
- Veroorsaak ernstige oog-irritasie met skade aan kornea.
- Mag vel-irritasie veroorsaak.
- Berg in koel droë goed geventileerde plek in diggeseëde, oorspronklike houer.
- Berg weg van voedsel, voer, saad, kunsmis en ander landbouchemikalieë.
- Hou buite bereik van kinders, oningeligte persone en diere.
- Herbetreding: Moet nie behandelde gebied betree vir 1 dag na die bespuiting nie, tensy beskermende oorklere gedra word.
- VERHOED WEGDRYF VAN SPUITSTOF NA GEVOELIGE PLANTE, BYVOORBEELD ALLE BREËBLAARGEWASSE ASOOK ALLE BOME, STRUIKE EN BLOMPLANTE.

Hoewel hierdie middel omvattend onder 'n groot verskeidenheid toestande getoets is, waarborg die registrasiehouer nie dat dit onder alle toestande doeltreffend sal wees nie. Die werking en doeltreffendheid daarvan kan beïnvloed word deur faktore soos abnormale klimaats- en bergingstoestande, kwaliteit van die verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui word nie en die voorkoms van weerstand van die onkruid teen die betrokke middel sowel as die tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei en die omgewing of nadelige invloede op mens of dier of vir 'n gebrek aan prestasie van die betrokke middel as gevolg van 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.

VOORSORGMATREËLS:

- Moet nie spuitnewel inasem nie.
- Vermy kontak met die vel en oë deur beskermende klere te dra wanneer die produk gemeng word.
- Indien produk in aanraking met die oë kom, spoel met water en kry mediese aandag indien nodig.
- Was met seep en water na gebruik en toevallige vel kontak asook besoedelde klere.
- Moet nie eet, drink of rook tydens vermenging of toediening van die produk of voordat die hande en gesig gewas is nie.
- Vermy spuitnewel op ander gewasse, weiveld, riviere, damme en plekke wat nie behandel moet word nie.
- Maak die spuittoerusting met 'n huishoudelike ammoniakoplossing (1 %) skoon voordat ander plaagdoders daarmee gebruik word. Laat staan die oplossing vir 'n paar uur, verkieslik oornag. Spoel ten minste tweekeer uit. Om skade aan gewenste plante te voorkom, behoort hierdie spuittoerusting nie gebruik te word vir die toediening van enige ander chemikalieë nie behalwe onkruidodders. Gooi waswater weg waar dit nie voedsel, weiding, riviere of damme sal besoedel nie.
- Lê houers moet driekeer uitgespoel word soos volg: Keer die lê houer om oor die spuitenk of mengbak en dreineer vir minstens 30 sekondes nadat die vloeitot 'n gedrup verminder het. Spoel die houer daarna driekeer uit met 'n volume water gelykstaande aan 'n minimum van 10% van die inhoud van die houer. Gooi die spoelwater by die inhoud van die spuitenk voordat die houer op die voorgeskrewe wyse vernietig word.
- Vernietig die lê houer deur gate daarin te kap en plat te slaan en doen weg daarmee op 'n veilige manier.
- **Moet nooit** die lê houer vir enige ander doel hergebruik nie.
- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.

SIMPOME VAN MENSLIKE VERGIFTIGING: Mag ligte irritasie van vel in sommige individue veroorsaak. Effe giftig wanneer deur die vel geabsorbeer word. Mag ernstige irritasie van oë met skade aan kornea veroorsaak. Skadelik wanneer ingesluk word. Baie hoë akute blootstelling mag vertraagde spraak, spiertrekkings, rukkings en spasma, lae bloeddruk en bewusteloosheid veroorsaak.

NOODHULPBEBANDELING:

Verwyder die pasiënt van bron van vergiftiging en hou hom rustig en kalm.

Oogkontak: Spoel oë met skoon sagvloeiende water, vir ten minste 20 minute terwyl bo- en onder-ooglede gereeld opgelig word totdat geen chemikalieë oorbly. Indien irritasie voorkom en voortduur, ontbied mediese hulp.

Velkontak: Verwyder gekontameneerde klere en spoel geaffekteerde liggaamsdele deeglik met oorvloedige seep en koue water af, totdat geen chemikalieë oorbly. Moet nie vel hard vryf nie. Ontbied mediese hulp indien irritasie voorkom en voortduur.

Ingeasem: Neem pasiënt na vars lug. Indien asemhalingsprobleme of irritasie voorkom en voortduur, ontbied mediese hulp.

Ingesluk: Moet nie braking veroorsaak nie. Indien die pasiënt wakker is spoel mond deeglik met water uit. Gee genoeg water om te drink (1 tot 2 glase). Ontbied mediese hulp onmiddellik en toon die houer en etiket aan horn/haar.

NOTA AAN GENEESHEER: 'n Teenmiddel is nie beskikbaar nie. Behandel simptome en ondersteunend soos en wanneer nodig. In geval van inname, oorweeg maagspoeling. Dien suurstof toe indien asemhalingsprobleme voorkom.

WEERSTANDSWAARSKUWING:

PURE LAWN is 'n groepkode O onkruidodder. Enige populasie van 'n spesifieke onkruid mag individue insluit wat 'n natuurlike weerstand teen **PURE LAWN** of enige ander groepkode O onkruidodder het. Indien hierdie onkruidodder herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die onkruid populasie oorheers. Hierdie weerstandbiedende onkruid sal waarskynlik nie deur **PURE LAWN** of enige ander groepkode O onkruidodder beheer word nie.

Om weerstand teen onkruidodders te vertraag:

- Vermy die eksklusiewe herhaaldelike gebruik van onkruidodders met dieselfde groepkode. Wissel af met, of gebruik tenkengsels van produkte in verskillende onkruidoddergroep kodes.
 - Integreer ander beheermaatreëls (chemies, verbouing, biologies) in onkruidodders programme.
- Vir spesifieke inligting oor weerstandsbestuur kontak die registrasiehouer van hierdie produk.

GEBRUIKSBEPERKINGS:

- Om skade te voorkom moet verhoed word dat dampe of spuitnewel in aanraking kom met of wegdryf na sensitiewe breëblaargewasse, vrugtebome of sierplante.
- Dien die produk streng volgens die gebruiksaanwysings toe.

GEBRUIKSAANWYSINGS: GEBRUIK ALLEENLIK SOOS AANGEDUI

- Dien toe na opkoms van breëblaaronkruid wat in gevestigde grasperke en grasveld groei.
- Dien toe as 'n fyn en egalige bespuiting.
- Kalibreer die spuittoerusting noukeurig voor toediening.
- **PURE LAWN** mag 'n verkleuring van die grasperk veroorsaak. Dit sal egter tydelik van aard wees.
- Die toediening van 'n stikstofhoudende kunsmis, 2 tot 3 weke voor toediening van die onkruidodder op grasperke of grasvelde word aanbeveel.

Menginstruksies:

- Verdun 50 ml **PURE LAWN** in 5 liter skoon water.
- Gebruik die voorbereide mengsel dadelik.
- Moet nie oornag laat staan nie.
- Dien die 5 liter spuitmengsel toe as 'n egalige bespuiting oor 100 m².
- Herhaal die toediening na 14 dae, indien nodig.
- Gebruik slegs op onkruid wat aktief groei in grond met voldoende vog.
- Gebruik slegs op die skoonveld in die geval van golfbane.
- **BELANGRIK:** Toediening deur middel van gietiers of toerusting wat aan tuinslange gekoppel word, word nie aanbeveel nie.
- Rugsakspuite en drukspuitpompe is egter geskik vir gebruik.

ONKRUIDE WAT BEHEER WORD:

Sommige onkruidsoorte wat normaalweg beheer word met **PURE LAWN**:

<i>Arctotis venusta</i>	Witgousblom
<i>Bidens pilosa</i>	Gewone knapsekêrel
<i>Chenopodium album</i>	Withondebossie
<i>Cosmos bipinnatus</i>	Kosmos
<i>Galinsoga parviflora</i>	Knopkruid
<i>Raphanus raphanistrum</i>	Ramenas
<i>Striga asiatica</i>	Gewone mieliërooibloom
<i>Tagetes minuta</i>	Kakiebos
<i>Tribulus terrestris</i>	Dubbeltjie
<i>Xanthium spinosum</i>	Boetebossie