

CLEAR PAVE

Reg. No.: L7219 Act No. 36 of 1947
Namibia: N-AR 1024 Botswana W130849

A foliar applied systemic herbicide, with little or no soil activity, for the control of many annual and perennial weeds in the home garden.

HRAC HERBICIDE GROUP CODE: G

ACTIVE INGREDIENT:

Glyphosate (glycine)360 g/ℓ a.e.
(glyphosate isopropylamine salt)480 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**
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EMERGENCY NO.: 082 446 8946

UN No.: 3082



CAUTION

WARNINGS:

- Spray drift or direct contact onto leaves or green stems of desirable plants can result in serious damage.
- When using CLEAR PAVE as a land preparation for transplanted crop with green soft stems, allow a minimum of 14 days between application and transplanting of seedlings.
- Handle with care.
- Harmful when swallowed.
- May cause skin and eye irritation.
- Toxic to fish and aquatic organisms.
- CLEAR PAVE can be corrosive to zinc-lined spray pumps and other metal equipment.
- Do not store, mix or apply CLEAR PAVE solutions in galvanised steel or unlined steel (except stainless steel) containers or spray tanks. CLEAR PAVE can react with such containers to produce hydrogen gas, which may form a highly combustible and explosive gas mixture.
- Store in a cool, dry well-ventilated place in the original container, tightly close and secured.
- Store away from food, feeds, seed, fertilizer and other agricultural remedies.
- 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 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 fumes and/or spray mist.
- Avoid skin and eye contact by wearing protective clothing when mixing the product.
- In case of accidental skin or eye contact, wash with plenty of water, and in the case of eyes, get medical attention if necessary.
- Wash with soap and water after use, as well as contaminated clothing.
- Do not eat, drink or smoke while mixing or applying the product or before washing hands and face and changing clothing.
- Thoroughly wash all spray equipment after use. Dispose of wash water where it will not contaminate crops, grazing, rivers, dams and boreholes.
- Destroy the empty container 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.

DIRECTIONS FOR USE: Use only as directed.

General Information:

- CLEAR PAVE is a foliar absorbed, non-selective, systemic herbicide, being active only when applied post emergence to the foliage and green bark of plants.
- It has no or little soil activity.
- The product is slow acting and maximum effect may only be achieved 2 to 4 weeks after application.
- Apply when weeds are growing vigorously in spring and summer or in autumn when weeds are actively translocating nutrients into roots, bulbs, rhizomes and stolons.
- If weeds are mowed prior to treatment with CLEAR PAVE, allow adequate time to elapse for re-growth of sufficient absorptive leaf area before spraying.
- CLEAR PAVE has no pre-emergence activity; therefore repeat applications are necessary to control weeds germinating from seed and to maintain season long weed control.
- Irrigation a few days prior to application of CLEAR PAVE ensures that weeds are growing actively, resulting in optimum efficacy.
- Do not spray on wet weed foliage or which are covered with a layer of dust.
- Rain or irrigation within 6 hours of application can reduce CLEAR PAVE efficacy on weeds.
- Only use spray equipment that is clean and free of rust and dust. Internal sedimentations of wettable powders should be removed.
- Avoid high pressure during application, resulting in small droplets and spray drift which can damage desirable plants.
- An even droplet distribution on the target weeds is essential for good results.
- It is not necessary to spray to the point of run off, but essential to ensure complete coverage of the target weed.
- Under certain conditions the addition of a surfactant may be advantageous.
- Always use clean water. Avoid the use of brack or muddy water.

WARNINGS:

- CLEAR PAVE is absorbed through green bark, leaves and fruit.
- Spray target plants only.
- Avoid contact with desirable vegetation, either direct spray or by spray drift.
- Trees and shrubs with green or immature bark should be shielded from spray contact.
- Pruning wounds should be allowed to dry (approximately 10 days) before spraying CLEAR PAVE.

RECOMMENDATIONS:

- For use as a foliar spray on weeds in paving, house garden and other areas around the house.
- Apply as a fine, even spray and avoid run-off of the mixture.
- Apply only to actively growing weeds, which are not suffering from moisture stress, cold stress or senescence.
- Perennial weeds should be sprayed when flowering in initiated or in mid-summer to early autumn.
- Certain perennial weeds (e.g. bramble) will require repeat application on re-growth.
- Allow plants to die before any cultivation.

DOSAGE RATES:

- One litre of spray solution should spray 10 to 20 m².
- Refer to table below for dilution rates:

% DILUTION	CLEAR PAVE	WATER
1,0 %	10 ml	990 ml
1,5 %	15 ml	985 ml
2,0 %	20 ml	980 ml

- For the control of the following young annual grasses and broadleaf weeds (up to 8 leaf stage), use 1.0 % solution.
- For the control of the following established grasses, broadleaf and certain perennial weeds, use 1,0 to 1,5 % solution.

ANNUAL GRASSES:		ANNUAL BROADLEAF WEEDS:	
<i>Avena</i> spp.	Wild Oats	<i>Amaranthus</i> spp.	Pigweed
<i>Bromus</i> spp.	Ripgut brome and Rescue grass	<i>Arctotheca calendula</i>	Cape marigold
<i>Eleusine indica</i>	Goose grass	<i>Argemone subfusiformis</i>	White-flowered Mexican poppy
<i>Eragrostis curvula</i>	Love grass	<i>Bidens</i> spp.	Blackjack
<i>Digitaria sanguinalis</i>	Crab fingergrass	<i>Chenopodium</i> spp.	Goosefoot
<i>Hordeum murinum</i>	Wild barley	<i>Coryza</i> spp.	Fleabane
<i>Lolium</i> spp.	Rye grass	<i>Datura</i> spp.	Thorn apple
<i>Poa annua</i>	Winter grass	<i>Galinsoga parviflora</i>	Gallant Soldier
<i>Tragus racemosus</i>	Large carrotseed grass	<i>Portulaca oleracea</i>	Purslane
		<i>Schkuhria pinnata</i>	Dwarf marigold
		<i>Sonchus</i> spp.	Sowthistle
		<i>Tagetes minuta</i>	Khakiweed

PERENNIAL WEEDS:

<i>Pennistum clandestinum</i>	Kikuyu
<i>Malva parviflora</i>	Small mallow
<i>Oxalis</i> spp.	Sorrel
<i>Rumex</i> spp.	Sheep sorrel
<i>Plantago lanceolata</i>	Narrow-leaved ribwort
• For the control of the following perennial grasses and broadleaf weeds, use 1,5 % solution.	
<i>Cynodon dactylon</i>	Common couch
<i>Cyperus esculentus</i>	Yellow nutsedge
<i>Cyperus rotundus</i>	Purple nutsedge
<i>Panicum maximum</i>	Common Buffalo grass
<i>Paspalum dilatatum</i>	Common Paspalum
<i>Convolvulus arvensis</i>	Field bindweed
• For the control of the following hard to control perennial grasses, reeds and shrubs, use 2 % solution.	
<i>Eichornia crassipes</i>	Water hyacinth
<i>Lantana camara</i>	Lantana
<i>Paspalum distichum</i>	Couch Paspalum
<i>Phragmites australis</i>	Common reed
<i>Rubus</i> spp.	Bramble

CLEAR PAVE

Reg. Nr.: L7219 Wet No. 36 van 1947
Namibia: N-AR 1024 Botswana W130849

'n Blaar toegediende sistemiese onkruidodder met min of geen grond aktiwiteit, vir die beheer van een- en meerjarige onkruid in die huistuin.

IRAC INSEKODDERGROEP KODE: G

AKTIEWE BESTANDEEL:

Gilfosaat (gliesien)360 g/l a.e.
(glifosaat isopropiel amiensout).....480 g/l

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WAARSKUWINGS:

- **Spuitnewel of direkte kontak op blare en groenlote van wenslike plante kan ernstige skade tot gevolg hê.**
- **Wanneer CLEAR PAVE gebruik word as land voorbereiding voor die uitplant van saailinge soos tamaties of enige gewas waarvan die stammetjies groen, sag is, moet 'n minimum periode van 14 dae verloop tussen bespuiting en uitplant van saailinge.**
- Hanteer versigtig.
- Skadelik indien ingesluk word.
- Mag vel en oog irritasie veroorsaak.
- Giftig vir visse en waterlewe.
- **CLEAR PAVE** mag 'n invretende werking hê op sinkbedekte pompe of ander metaal toerusting.
- Moet nie **CLEAR PAVE** oplossings stoor, meng of toedien uit gegalvaniseerde staal of ongevoerde staal (behalwe vlekvrystaal) houers of spuitens nie. **CLEAR PAVE** kan reageer met die soort houers en waterstofgas produseer wat 'n hoogs vlambare en ontplofbare gasmengsel mag vorm.
- Berg in koel, droë goed geventileerde plek in diggeseëde, oorspronklike houers.
- Berg weg van voedsel, voer, saad, kunsmis en ander landbou chemikalieë.
- 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. Die werking en doeltreffendheid daarvan kan beïnvloed word deur faktore soos abnormale klimaats- en bergingstoestande, kwaliteit van verdunningswater, onverenigbaarheid 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, die omgewing of vir die nadelige invloede 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 die geval van enige onersekerheid.

VOORSORGMATREËLS:

- Moet nie dampe of spuitnewel inasem nie.
- Vermoedlik kontak met die vel en oë deur beskermende klere te dra wanneer die produk gemeng word.
- In die geval van toevallige vel- of oogkontak, was met baie water en in die geval van oë kry mediese aandag indien nodig.
- Was met seep en water na gebruik asook besoedelde klere.
- Moet nie eet, drink of rook gedurende vermenging of bespuiting of voordat hande en gesig gewas is en skoon klere aangetrek het nie.
- Was alle spuittoerusting deeglik na gebruik. Doen weg met die waswater sodat gewasse, weiding, riviere, damme en boorgate nie besoedel word nie.
- Vernietig die leë houers en doen weg daarmee op 'n veilige manier.
- Moet **nooit** die leë houers vir enige ander doel hergebruik nie.
- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.

GEBRUIKSAANWYSINGS: Gebruik alleenlik soos aangedui.

Algemene Inligting:

- **CLEAR PAVE** is 'n blaargeabsorbeerde, nie-selektiewe sistemiese onkruidodder wat slegs aktief is indien dit na-opkoms aan blare en groen bas van plante toegedien word.
- Dit het geen grond aktiwiteit nie.
- Die produk werk stadig en die volle effek daarvan mag eers 2 tot 4 weke na toediening sigbaar word.
- Dien toe wanneer onkruid aktief groei gedurende lente en somer of in die herfs wanneer onkruid aktief plantvoedingsstowwe na wortels, knolle, wortelstokke of uitlopers translokeer.
- Indien onkruid gesny is voor toediening van **CLEAR PAVE**, laat genoeg tyd toe vir hergroei van voldoende ontvanklike blaaroppervlak voor bespuiting gedoen word.
- **CLEAR PAVE** het geen vooropkomsaktiwiteit nie; daarom is herhaalde toedienings nodig om onkruid wat van saad ontkiem te beheer en om seisoenlange beheer te verseker.
- Besproeiing 'n paar dae voor toediening van **CLEAR PAVE** sal verseker dat die onkruid aktief sal groei met die gevolg dat optimale beheer verkry word.
- Moet nie op onkruid spuit wat nat is of bedek is met 'n laag stof nie.
- Reën of besproeiing binne 6 ure na toediening mag die effektiwiteit van **CLEAR PAVE** op onkruid verminder.
- Gebruik slegs spuittoerusting wat skoon en vry van roesplekke en stof is. Verwyder aanpaksels van benatbare poeiers.
- Vermoedlik hoë druk tydens toediening wat klein druppeltjies en spuitnewel tot gevolg het, wat wenslike plante kan beskadig.
- **'n Egalige druppel verspreiding op die teiken onkruid is belangrik vir goeie resultate.**
- Dit is nie nodig om tot die punt van afloop te spuit nie, maar belangrik om volledige bedekking van die teiken onkruid te verseker.
- Onder seker omstandighede mag die byvoeging van 'n bevorderingsmiddel voordelig wees.
- Gebruik altyd skoon water. Voorkom die gebruik van of brak of modderige water.

WAARSKUWINGS:

- **CLEAR PAVE** word deur groen bas, blare en vrugte opgeneem.
- Spuit slegs teiken plante.
- Vermoedlik kontak met wenslike plante, of met direkte spuit of met spuitnewel.
- Bome en struike met groen of onvolwasse bas moet beskerm word teen spuitkontak.
- Snoeiwonde moet droog wees (ongeveer 10 dae) voor **CLEAR PAVE** bespuiting gedoen word.

VERSPREIDER:

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AANBEVELINGS:

- Vir gebruik as 'n blaarbespuiting op onkruid in plaveisel, huistuin en ander areas om die huis.
- Dien toe as 'n fyn, egalige bespuiting en verhoed afloop van die mengsel.
- Dien toe slegs op aktief groeiende onkruid, wat nie onder vogstremming, koue stremming of in verouderde groeistadium is nie.
- Meerjarige onkruid moet in die vroeë blomstadium of gedurende mid-somer tot vroeë herfs bespuit word.
- Sekere meerjarige onkruid (bv. braam) sal opvolg bespuitings op hergroei benodig.
- Laat toe dat plante terugsterf voor enige bewerking.

DOSSISE:

- Een liter van die spuitmengsel sal 10 tot 20 m² bespuit.
- Verwys na die tabel hieronder vir verdunnings:

% VERDUNNING:	CLEAR PAVE:	WATER:
1,0 %	10 ml	990 ml
1,5 %	15 ml	985 ml
2,0 %	20 ml	980 ml

- Vir die beheer van die volgende jong eenjarige grasse en breëblaaronkruid (tot by 8-blaarstadium), gebruik 1,0 % oplossing.
- Vir die beheer van die volgende gevestigde eenjarige grasse breëblaaronkruid en sekere meerjarige onkruid, gebruik 1,0 tot 1,5 % oplossing.

EENJARIGE GRASSE:	EENJARIGE BREËBLARE:		
<i>Avena</i> spp.	Wildehawer	<i>Amaranthus</i> spp.	Misbredie
<i>Bromus</i> spp.	Predikantsluis en Reddingsgras	<i>Arctotheca calendula</i>	Soetgousblom
<i>Eleusine indica</i>	Jongosgras	<i>Argemone subfusiformis</i>	Witblombloudissel
<i>Eragrostis curvula</i>	Oulandsgras	<i>Bidens</i> spp.	Knapsekêrel
<i>Digitaria sanguinalis</i>	Kruisvingergras	<i>Chenopodium</i> spp.	Hondebossie
<i>Hordeum murinum</i>	Wildegars	<i>Conyza</i> spp.	Skraalhans
<i>Lolium</i> spp.	Raaigras	<i>Datura</i> spp.	Stinkblaar
<i>Poa annua</i>	Wintergras	<i>Galinsoga parviflora</i>	Knopkruid
<i>Tragus racemosus</i>	Groot wortelsaadgras	<i>Portulaca oleracea</i>	Porslein
		<i>Schkuhria pinnata</i>	Kleinkakiebos
		<i>Sonchus</i> spp.	Sydissel
		<i>Tagetes minuta</i>	Kakiebos

MEERJARIGE ONKRUIDE:

<i>Pennistenum clandestinum</i>	Kikuyu
<i>Malva parviflora</i>	Kiesieblaar
<i>Oxalis</i> spp.	Suring
<i>Rumex</i> spp.	Steenboksuring
<i>Plantago lanceolata</i>	Smalweëblaar
• Vir die beheer van die volgende meerjarige grasse en breëblaaronkruid, gebruik 1,5 % oplossing.	
<i>Cynodon dactylon</i>	Gewone kweek
<i>Cyperus esculentus</i>	Geeluintjie
<i>Cyperus rotundus</i>	Roouiuintjie
<i>Panicum maximum</i>	Gewone Buffelsgras
<i>Paspalum dilatatum</i>	Gewone-Paspalum
<i>Convolvulus arvensis</i>	Akkerwinde
• Vir die beheer van die volgende moeilike beheerbare meerjarige grasse, riete en struike, gebruik 2 % oplossing.	
<i>Eichornia crassipes</i>	Water hiasint
<i>Lantana camara</i>	Lantana
<i>Paspalum distichum</i>	Kweekpaspalum
<i>Phragmites australis</i>	Fluitjiesriet
<i>Rubus</i> spp.	Brame