



CLEAR OUT 500 WG

Reg No/ Nr L8386 Act No/ Wet Nr 36/1947

A post emergence, non-selective systemic herbicide for the control of annual and perennial weeds in municipal, agricultural and industrial areas and garden use.

'n Na-opkoms, nie-selektiewe sistemiese onkruidodder vir die beheer van eenjarige en meerjarige onkruid in munisipale gebiede, die landbou, nywerheidsgebiede en in tuine.

HERBICIDE RESISTANCE GROUP	9	ONKRUIDDODER WEERSTAND GROEP
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ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

Glyphosate acid equivalent.....500g/kg..... Glifosaat suur ekwivalent
(ammonium Salt) (amoniaksout)

Manufacture date:
Vervaardigingsdatum:

Batch No.:
Lotnommer:

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**SEE ENCLOSED LEAFLET FOR FULL PARTICULARS
SIEN INGESLOTE VOUBILJET VIR VOLLE BESONDERHEDE**

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**CAUTION
VERSIGTIG**



WARNINGS

- Poisonous if swallowed and can be irritating to both eyes and skin
- **Clear Out 500 WG** can be corrosive to zinc lined, galvanised or unlined spray tanks or equipment. Hydrogen can also be produced which is combustible or explosive.
- Keep out of reach of children, uninformed persons and animals.
- Store away from seed, fertiliser, agricultural chemicals and food.
- Re-entry: Do not enter the treated field until the spray deposit has dried unless wearing protective clothing.
- Aerial application: Notify all the inhabitants in the immediate vicinity of the area to be sprayed and issue the necessary warnings.
- **Glyphosate** is a highly active herbicide that in very small quantities, when used incorrectly, can cause serious damage to crop seedlings and deciduous fruit trees and grapevines during the budding and early season growth stages. Under the following conditions it can cause serious damage as far as 5 km from the nearest flight path of the aircraft - cloudy weather with relative humidity above 80 % and low air movement of less than 5 km per hour. Where such conditions prevail, aerial application should not be carried out where crop seedlings or deciduous fruit and grape vines in bud or early development stages are present within 5 km of the nearest flight path of the aircraft.

Although this herbicide has been tested on a representative sample of economically important plant varieties under a large variety of soil and climatic conditions, the registration holder does not warrant that this product will be effective and safe to the crop under all conditions because the action and effect of the chemical is affected by factors such as abnormal soil, climatic and storage conditions, as well as by the method and accuracy of application. The registration holder furthermore does not accept responsibility for either crop damage or non-performance due to failure to follow the label directions or the occurrence of conditions, which the registration holder could not reasonably have foreseen.

- Consult your supplier in the event of any uncertainty.

PRECAUTIONS

- Wear gloves and a face-shield when handling the concentrate.
- Do not inhale spray mist or fumes.
- Accidental skin contact - wash with plenty of soap and water.
- Accidental eye contact - wash with plenty of water for at least 15 minutes and contact a physician.
- Prevent spray drift or contact with non-target grazing or crops as serious damage may result.
- Prevent contamination of foodstuffs, drinking water and eating utensils.
- Rinse empty container three times with a volume of water equal to at least one tenth of that of the container, add the rinsings to the spray tank before perforating and flattening the container.
- Resistance Warning
For resistance management **Clear Out 500 WG** is a group code 9 herbicide. Any weed population may contain individuals naturally resistant to **Clear Out 500 WG** and other group code 9 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **Clear Out 500 WG** or any other group code 9 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 other control methods (chemical, cultural, biological) into weed control programmes. For specific information on resistance management contact the registration holder of this product.

DIRECTIONS FOR USE USE ONLY AS DIRECTED

- Apply to the weed foliage or to the freshly cut stumps of trees and shrubs.
- Apply when weeds are growing actively.
- Do not spray while weeds are covered in dust, wet or under temperature or moisture stress
- Spray re-growth to prevent re-infestation.
- Do not spray another pesticide within 12 hours of **Clear Out 500 WG** application.
- Rain or irrigation within 6 hours can reduce efficacy.
- Allow 10 days after pruning vines and tree crops and before spraying.
- Clear Out 500 WG** has no pre-emergence activity. It is recommended to allow a 10 day period between spraying weeds on sandy soil (under 10% clay) and planting seedlings.
- Autumn sprays must be applied before the first frost.
- Under certain conditions the addition of a surfactant may be advantageous. Add 2.0L of Gap Beef-up AS per 100L spray water to reduce the effect of alkaline water and/or to improve the compatibility with other herbicides. Add the Beef-up AS to the spray water then **Clear Out 500 WG** followed by the other herbicide. The mixture must be tested for compatibility on a small scale before large scale mixing and spraying. Do not mix with any Atrazine formulation.

APPLICATION INFORMATION

- Spray volume range from 12 – 600 litres / hectare.
- Ensure spray equipment is accurately calibrated, clean and rust free.
- Use clean water.
- Where drift may be hazardous, use low-pressure equipment.
- Ensure complete droplet coverage of target weeds.
- Good results are obtained with a fine, even droplet distribution on the target weeds.

Use spray equipment compatible with the above directives. Knapsacks, mistblowers, boom sprayers and other equipment can be used.

AERIAL APPLICATION

Aerial application of **Clear Out 500 WG** may only be done by a registered aerial application operator using a registered Aerial Application Operator using a correctly calibrated, registered aircraft according to the instructions of SABS Code 10118 (Aerial Application of Agricultural Pesticides). Ensure that the spray mixture is distributed evenly over the target area and that the loss of spray material during application is restricted to a minimum. It is therefore essential that the following criteria be met:

- Volume: A spray mixture volume of 30 to 50 litres per hectare is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy, or be held responsible for any adverse effects if this product is applied aerially at a lower volume rate than recommended above.
- Droplet coverage: 30 to 40 droplets per cm² must be recovered at the target area.
- Droplet size: A droplet spectrum with VMD of 300 to 400 microns is recommended. Limit the production of fine droplets less than 150 microns (high drift and evaporation potential) to a minimum.
- The use of a suitable drift retardant adjuvant and / or low drift nozzles (e.g. straight stream nozzles) is recommended. In the case of fixed-wing aircraft flying at a speed faster than 130 mph, the maximum deflection angle of the nozzles or spray stream, as measured from a horizontal straight backwards orientation, may not exceed 30 degrees. In the case of slower flying fixed wing aircraft the maximum deflection angle, as described above, may not exceed 55 degrees.
- Flying height: Maintain the height of the spray boom at 3 to 4 metres above the target. Do not spray when aircraft dives, is in a climb or when banking.

- Use suitable atomising equipment that will produce the desired droplet size and coverage, but which will ensure the minimum loss of product. The spraying system must produce a droplet spectrum with the lowest possible Relative Span.
- Position all the atomisers within the inner 60 to 75% of the wingspan to prevent droplets from entering the wingtip vortices.
- The difference in temperature between the wet and dry bulb thermometers, of a whirling hygrometer, should not exceed 8°C.
- Stop spraying if the wind exceeds 10km/h.
- Stop spraying under turbulent, unstable and dry conditions during the heat of the day.
- Spraying under temperature inversion conditions (spraying in or above the inversion layer) and/or high humidity conditions (relative humidity 80% and above) may lead to the following:
 - a) reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage).
 - b) damage to other sensitive crops and/or non-target areas through drifting of the suspended spray cloud away from the target field.
- Ensure that the Aerial Spray Operator knows exactly which fields to spray.
- Obtain an assurance from the Aerial Spray Operator that the above requirements will be met and that relevant data will be compiled in a logbook and kept for future reference.

RECOMMENDATIONS

Precautions: do not allow spray droplets or spray-mist to contact fruit, green leaves, green stems and branches of desirable crops and plants.

For optimum results apply **Clear Out 500 WG** to weeds when in a sensitive growth stage - (i) seedlings are more sensitive than established mature plants; (ii) generally when plants are in bud or early flowering the foliage has developed close to the maximum surface area that allows for maximum uptake of the foliar applied herbicide; (iii) certain perennial plants are more sensitive to foliar treatments from mid-summer (S) to autumn (A) but before frost occurs; (iv) cut stump treatments should be done during the period of active tree growth; (v) re-growth from treated plants should be spot-sprayed when the re-growth shoots are 20 to 50cm long.

General Weed Control	Clear Out 500 WG Dosage Rate (kg/ha)	Remarks
Industrial Areas	4.0-7.0	This spray will control most annual and perennial weeds. Any re-growth should be spot sprayed with a 1.0% solution.
Annual Weeds	1.0-2.0	Use the higher rate on mature weeds.
Annual Weeds	Annual Weeds: 1.0-2.0 Perennial Weeds: 4.25-5.75	Apply after harvesting a crop and before the emergence of a newly planted crop. Use the higher rate for weeds exceeding the 12-leaf growth stage. Apply with ground or aerial equipment.
Tree, vine and orchard crops	Annual Weeds: 1.0-2.0 Perennial Weeds: See below	See "Precaution" above. Apples, pears and grapevines: Clear Out 500 WG can be applied with Gap MCPA at recommended rates. Bananas: protect stems and suckers from spray contact.

		<p>Pineapples and prickly pears: apply as directed inter-row spray.</p> <p>Grapevines: apply to vines that are older than 2 years before bud burst.</p>
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Perennial Weed Species	Clear Out 500 WG Dosage Rate (kg/ha)	Remarks – Foliar Application
<i>Acacia mearnsii</i> Black Wattle	2.25% or 1.0%	Spray seedlings and re-growth up to 1.0m high.
<i>Acacia Saligna</i> Port Jackson Willow	1.5-3.0 or 3.0%	Bipinnate (2) leaf stage: use the lower rate. Seedlings up to 60cm use the higher rate.
<i>Caesalpinea decapetula</i> Mauritius thorn	2.25 or 1.0%	Spray seedlings and re-growth up to 1.0m high.
<i>Cannabis sativa</i> Dagga	2.27	Aerial application only
<i>Chromolaena odorata</i> Triffid weed	0.75%	Slash established plants and then spray re-growth at 50cm to 1m high. Repeat as necessary.
<i>Convolvulus arvensis</i> Field bind-weed	4.3 or 2.0%	Apply in S at the start of flowering. Follow –up spray on re-growth with a 1.0% solution.
<i>Cynodon dactylon</i> Common quick-grass	4.3 or 2.0%	Apply in A. Follow-up in summer with a 3.0ℓ/ha or 1.5% solution spot spray on re-growth. Winter rainfall region: apply in A at 6.5kg/ha.
<i>Cyperus esculentus</i> Yellow nutsedge	4.3 or 2.0%	Apply in S at flowering. Apply to re-growth at 2.0ℓ/ha or 1.0% solution.
<i>Cyperus rotundus</i> Purple nutsedge	4.3 or 2.0%	Apply in S at flowering. Apply to re-growth at 2.0ℓ/ha or 1.0% solution.
<i>Eichhornia crassipes</i> Water hyacinth	4.3 or 2.0%	Apply in S when foliage is well developed. Use a knapsack sprayer with a 2.0% solution or a mist-blower at 3.0% solution. Aerial application.
<i>Eragrostis curvula</i> Weeping love grass	1.5 or 1.0%	Apply in S to A.
<i>Lantana camara</i> Lantana	4.3 or 2.0%	Apply in S to A. Follow-up spray with a knapsack sprayer at 2.0% solution or a mist-blower at 3.0% solution.
<i>Malva parviflora</i> Small mallow	2.25 or 1%	Apply in early spring before flowering in a tank mix with the recommended simazine rate.
<i>Mimosa pigra</i> Sensitive plant	2.2%	Slash and spray re-growth or seedlings up to 1m high.
<i>Nassella trichotoma</i> Nassella tussock grass	3.0 or 1.5%	Apply in 400ℓ/ha. Apply in early spring or as a 1.5% spray on re-growth
<i>Panicum maximum</i> Buffalo grass	3.0 or 2.0%	Apply in S. Follow-up spray on re-growth at 2.25kg/ha or 1.0% solution

<i>Paspalum dilatatum</i> Common paspalum	4.3or 2.0%	Apply in S. Follow-up spray on re-growth at 2.25kg/ha or 1.0% solution.
<i>Paspalum paspaloides</i> Couch paspalum	5.75	Apply in S. at flowering. Follow-up spray on re-growth at 3.0kg/ha or 1.5% solution. Winter rainfall region: apply in A before frost.
<i>Pennisetum clandestinum</i> Kikuyu	3.0 or 1.0%	Apply S to A. Follow-up spray on re-growth at 2.25kg/ha or 1.0% solution. Winter rainfall region: apply 6.5kg/ha in A before frost.
<i>Phragmites australis</i> Common reed	4.3 or 2.0%	Apply at 20-30% flowering in S to A. When using a knapsack sprayer use a 2.0% solution: when using a mist-blower use a 3.0% solution. Aerial application. Repeat application on re-growth at 50cm high as necessary.
<i>Phytolacca hepstrandra</i> Ink Berry	2.25 or 1.0%	Spray seedling and re-growth up to 1.0m high.
<i>Plantago Lanceolata</i> Plantain	2.25 or 1.0%	Only apply in early spring before flowering.
<i>Rubus species</i> American bramble	4.3or 2.0%	Apply in S to A. When using a knapsack sprayer use a 2.0% solution; when using a mist-blower use a 3.0% solution.
<i>Rumex species</i> Sorrel	2.25 or 1.0%	Only apply in early spring before flowering.
<i>Sesbania punicea</i> Sesbania	2.25 or 1.0%	Seedlings up to 1.0m high: apply 1.0% solution. Seedlings over 1.0m high: apply 1.5% solution. Shrubs and trees: Cut stems back to 5 to 20cm above ground; allow re-growth to 1.0m; spray re-growth foliage with 1.0 – 1.5% solution.
<i>Setaria megaphylla</i> Bush buffalo grass	4.3 or 2.0%	Apply in S to A. When using a knapsack sprayer use a 2.0% solution; when using a mist-blower use a 3.0% solution.
<i>Solanum mauritianum</i> Bug Weed	1.5 or 1.0%	Large trees: Cut stems back to 5 to 20cm above ground; allow re-growth to 50cm ; spray re-growth foliage. Seedlings up to 50cm: spray with a 0.4% solution.
<i>Sorghum bicolour</i> Wild grain sorghum	1.5 or 1.0%	Apply in S to A.
<i>Sorghum halapense</i> Johnson grass	3.0 or 1.0%	Apply in S to A. Follow-up spray on re-growth at 2.25kg/ha or 1.0% solution.

Tree Species	Dosage Rate (%)	Remarks – Cut Stump Application
Remove any sawdust from the cut stump surface before application. Apply Clear Out 500 WG to the cut stump surface (particularly the cambium area) within 30 mins of cutting. Apply to the point of run-off to ensure thorough wetting of the cut surface. A repeat application within 10 minutes can greatly reduce the possibility of re-growth. Any re-growth should be sprayed when about 50cm long with a 3.5% solution (350g per 10L water).		
<i>Acacia dealbata</i> Silver Wattle	14.4% (1.44kg per 10L)	Add 500ml Beef-up AS per 100L water. Apply in S to A.
<i>Eucalyptus grandis</i> Bluegum	3.6% or 5.0% (360g or 500g per 10L water)	Apply the lower rate to single stem stumps (\pm 50ml per stump) and the higher rate to multi-stem stumps (\pm 100ml per stump).

Sugarcane	Dosage Rate (kg/ha)	Remarks
Last ratoon eradication (Minimum Tillage)	5.75-7.25	Allow the sugarcane to re-grow to 45 to 50 cm high (tillering complete) after the final crop harvest. Apply Clear Out 500 WG in 100 to 400L/ha.
Combination Tillage	3.0-3.6	Allow the sugarcane to re-grow to 45 to 50 cm high (tillering complete) after the final crop harvest. Apply Clear Out 500 WG in 100 to 400L/ha. Allow 1 to 10 days for herbicide uptake. Use a blade shear or similar implement to cut the sugarcane stool roots at 10-15 cm below the soil surface. Use the higher rate on heavier soils where re-growth can occur.
Spot eradication	7.0-7.5%	Apply Clear Out 500 WG as directed spray to diseased or off-type stools.
Field verges	1.5-2.0%	The rate depends on the weed species present. See recommendations above.

For more details and control of other weeds, consult your distributor.

WAARSKUWINGS

- Giftig indien ingeneem word en mag irritasie van beide vel en oë veroorsaak
- **Clear Out 500 WG** kan bytend tot sink voering, gegalvaniseerde spuitens of spuitens en toerusting sonder voering wees. Waterstof kan ook vrygestel word wat ontvlambaar of plofbaar is
- Hou buite bereik van kinders, oningeligte persone en diere
- Bewaar weg van voedsel, saad, voer, kunsmis en ander chemikalieë.
- Herbetreeding: Moet nie die behandelde area binnegaan alvorens die spuitstof op die plante droog is nie, tensy beskermde klere gedra word.

Lugtoediening:

Stel al die inwoners in die onmiddellike omgewing van die gebied wat bespuit gaan word in kennis en reik die nodige waarskuwings uit.

Glifosaat is 'n hoogs aktiewe onkruidodder en sou die produk verkeerdelik aangewend word, kan baie kliek hoeveelhede, erge skade aan saailinge, sagte vrugte bome, en wingerd veroorsaak, veral gedurende die bot en vroeër seisoen groei stadia.

Onder die volgende toestande kan lugbepuiting tydens bewolkte weer met 80 % of meer humiditeit die en lae lug beweeging skade aan gewasse tot 5 km vêr weg van die vliegtuig en toedienings area veroorsaak. Onder sulke omstandighede moet daar nie toedienings gemaak word indien vatbare gewasse (veral as sailings, sagte vrugte bome en wingerd in bot of vroeër groei stadium) binne 5 km van die vliegtuigspuitarea is nie.

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 onkruid 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

- Raadpleeg die verskaffer as daar enige twyfel bestaan.

VOORSORGMAATREËLS:

- Draar handskoene en 'n gesigmasker terwyl met konsentraat ggewerk word.
- Moet nie spuitnewel inasem nie.
- Toevallige kontak met vel - was met baie seep en water
- Toevallige kontak met oë.: - Spoel oë vir ten minste 15 minute met skoon koue water uit.
- Vermy wegdrwyng of direkte kontak na nie-teiken weiding of gewasse, want erge skade kan voorkom.
- Voorkom besoedeling van kos, drink water en eetgerei.
- **Drie Spoel**: Spoel die houer driekeer uit met 'n volume water gelykstaande aan 'n minimum van 10% van die houer. Gooi die spoelwater by die inhoud van die spuitens en vernietig dan die houer deur gate in teslan en die plat te druk.
- **Weerstandswaarskuwing**

Vir doeleindes van weerstandbestuur, is **CLEAR OUT 500 WG** 'n groepkode 9 onkruidodder. Enige bevolking onkruid kan sommige onkruid bevat wat natuurlik weerstandbiedend is teen **CLEAR OUT**

500 WG en ander groepkode 9 onkruidodders. Indien hierdie groepkode onkruidodders herhaaldelik toegedien word, kan die weerstandbiedende individue uiteindelik die bevolking oorheers. Hierdie weerstandbiedende onkruid sal waarskynlik nie deur **CLEAR OUT 500 WG** of enige ander groepkode 9 onkruidoder beheer word nie.

- **Ten einde weerstand teen onkruidodders te vertraag:**

Vermyn die uitsluitlike en herhaaldelike gebruik van onkruidodders wat aan dieselfde groepkode behoort. Wissel af met, of gebruik tenkmengsels met middels van verskillende onkruidoder groepkodes. Integreer chemiese middels en verbouingspraktyke in onkruidbeheerprogram. Vir meer inligting oor weerstandsbestuur raadpleeg die registrasiehouer

GEBRUIKSAANWYSINGS: gebruik slegs soos aangedui.

- Dien op onkruid blare of nuut afgesaagde stampe van bome en struik.
- Dien to op onkruid wat aktief groei
- Dien toe op hergroei op herinfestasië te voorkom.
- Moenie enige ander plaagdoder binne 12 uur na toediening van **Clear Out 500 WG** toedien nie,
- Reën of besproeiing binne 6 ure na toediening kan onkruid beheer verlaag.
- Moet nie toedien as onkruid vol stof, nat of onder stremming is nie.
- Wingerd en bome wat gesnoei is moet 10 dae toegelaat word alvorens gepuit word sodat die snoeiwonde behoorlik geseël het.
- Alhoewel **Clear Out 500 WG** gewoonlik geen vooropkoms- aktiwiteit het nie word aanbeveel dat op sand gronde (met minder as 10 % klei), 10 dae moet verloop voordat saailinge geplant word.
- Herfs toedienings moet voor eerste ryp toegedien word.
- Die toevoeging van 'n byvoegmiddel kan die werking van die produk verhoog veral as die water Ph hoog is en om vereenigbaarheid met tenk mensels te verbeter. Meng 2,0 l GAP Beef-up AS per 100 liter spuitwater in die spuitenk. Voeg eers die GAP Beef-up by die water in die tenk, gevolg deur **Clear Out 500 WG** en dan die verkose tenk mengsel produk. Maak eers 'n klein skaal mensel in die aanbevole verhoudings om die vereenigbaarheid van die mensel te toets voordat dit op groter skaal gemeng word. Moenie **Clear Out 500 WG** met Atrasien meng nie.

TOEDIENINGS INFORMASIE:

- Spuitvolume moet vanaf 12 to 600 liters per hektaar wees
- Maak seker spuit toerusting is korrek gekalibreer, skoon en roes vry.
- Gebruik skoon water
- Waar wegdrywing van spuitmis 'n gevaar kan inhou moet lae druk spuittoerusting gebruik word.
- Versker dat die teiken onkruid deeglik met spuitdruppels bedek word.
- Goeie resultate word verkry met fyn druppeltjies wat eweredig oor die teiken onkruid toegedien word.
- Gebruik spuittoerusting wat die aanwysings hierbo kan handhaaf. Newelblasers, trekker gemonteerde balke, rugsakspuit ens. kan gebruik word.

Lugtoediening:

Clear Out 500 WG kan net met 'n vliegtuig toegedien word as 'n geregistreerde lugbespuiting operateur met 'n korrek gekalibreerde geregistreeerde vliegtuig volgens die aanwysings van SABS kode 10118(lugbespuiting van landboumiddels) gekontrakteer is. Maak seker die spuitmengsel word eweredig oor die teikengebied versprei.

Beperk die verlies van spuitmengsel tot 'n minimum gedurende toediening. Die is krities dat aan die volgende vereistes voldoen word:

- **Volume:** Minstens 30 l tot 50 l spuitmengsel per hektaar word aanbeveel. Aangesien **CLEAR OUT 500 WG** nie teen 'n laer toedieningsvolume getoets is nie, kan die registrasiehouer nie effektiwiteit waarborg of verantwoordelik gehou word vir enige nadelige effek indien **CLEAR OUT 500 WG** teen 'n laer volume toegedien word tydens lugtoediening as wat hier aanbeveel is nie.
- **Druppel Bedekking:** 'n Druppelbedekking van 30 to 40 druppels per vierkante sentimeter moet op die teiken herwin word.
- **Druppel Grote:** n Druppelspektrum met 'n VMD van 300 tot 400 mikron word aanbeveel. Verseker dat die lewer van fyn druppels met 'n VMD wat kleiner is as 150 mikron (hoe wegdrywing en verdamping potential) tot 'n minimum beperk word.
- Die gebruik van 'n toepaslike middle en / of lae druk spuitpunte (Bv, Straight stream nozzles) word aanbeveel. In die geval van vastevlerk vliegtuie wat vinnige as 130 kh / uur vlieg, die maksimum deflekteer hoek van die spuitpunt of die spuitstroom, soos gemeet van 'n horisontale reguit agtertoe orientasie mag nie 30 grade oorskry nie. In die geval van vastevlerk vliegtuie wat stadiger vlieg die maksimum deflekteer hoek, soos bo beskryf, mag nie 55 grade oorskry nie.
- **Vlieghoogte:** Behou 'n vlieghoogte van 3 tot 4 meter bokant die teiken. Moenie spuit terwyl die vliegtuig afduik, klim of draai nie.
- Gebruik geskikte **versuwingstoerusting** (hidrouliese spuitneuse of wentelende spuitkoppe) wat die vereiste druppelgrootte en bedekking van die teikengebied sal lewer en wat die minste verlies van spuitmengsel deur wegdrywing sal verseker. Die toediener moet 'n stelsel van spuitneuse gebruik wat 'n druppelspektrum met die kleinste moontlike relatiewe spanwydte sal lewer.
- Al die spuitneuse en spuitkoppe moet binne 75 % van die vliegtuig se vlerkspan geplaas word om die beweging van druppels in die vlerkpunte se warreling te beperk.
- Die verskil in die lesings van die nat- en droëboltermometerlesings soos bepaal met 'n swaaihigrometer, moet nie 8 °C oorskry nie.
- Moenie toedien indien die windspoed 10 km/uur oorskry nie.
- Moenie tydens onstuimige, onstabiele weerstoestande of gedurende die hitte van die dag toedien wanneer stygende en dalende konveksiestrome voorkom nie.
- Moenie toedien tydens omgekeerde temperatuurtoestande nie, d.w.s., toediening in of bokant die inversielaag en/of hoë humiditeit situasies nie (relatiewe humiditeit 80% en hoër) want dit mag lei tot:
 - a) Verminderde as gevolg van suspensie en verdamping van die klein druppels in die lug (onvoldoende bedeking)
 - b) Skade aan sensitiewe gewasse en/of nie teiken gebiede deur wegdrywing van die gesuspendeerde spuitwolk weg van die teiken gebied.
- Sorg dat die Vliëneer presies weet watter lande gespuit moet word.
- Kry versekering van die lugbespuiting operateur dat all die bogenoemde bepalings nagekom sal word, en die betrokke data in 'n logboek aangeteken sal wees en behou word vir toekomstige verwysing.

AANBEVEELINGS:

Voorsorgmatreëls: Moenie toelaat dat spuitdruppels of spuitwasem wegdryf na vrugte, groen blare, groen stamme en takke van gewasse en gewenste plante.

Om optimale beheer van onkruid te kry moet die toediening gemaak word waneer die plante in 'n sensitiewe groei stadium is:

- (i) Saailinge is meer vatbaar as volgroeide plante

- (ii) As die plante bot, of in vroeg blom stadium is, het die blare gewoonlik die maksimum oppervlakte bereik en dit laat 'n maksimum opname van die onkruidtoe.
- (iii) Sekere meerjarige plante is meer vatbaar vir toedienings wat in die somer (S) tot in die herfs (H) net voor ryp voorkom, gemaak is.
- (iv) Afgesaagde stompe moet tydens periods van aktiewe groei van die boom toegedien word.
- (v) Hergroei van behandelde plante moet met kol bespuiting gespuit word wanneer die lote tussen 20 tot 50 cm lank is.

Algemene Onkruid beheer	Clear Out 500 WG Dosis (kg/ha)	Aanwysings
Industriële Areas	4.0 tot 7.0 kg/ha	Hierdie behandeling sal meeste eenjarige en meerjarige onkruid beheer. Enige hergroei moet met 'n kol bespuiting van 'n 1.0% oplossing gemaak word.
Eenjarige Onkruid	1.0 tot 2.0 kg/ha	Gebruik die hoër dosis op volgroeide onkruid.
Eenjarige Onkruid & Meerjarige onkruid	Eenjarige Onkruid: 1.0 tot 2.0 kg/ha Meerjarige onkruid 4.25 tot 5.75 kg/ha	Dien toe na oes van die gewas en voordat die volgende gewas geplant word. Gebruik die hoër dosis waar onkruid die 12 blaar stadium en bereik het. Dien toe met grond of lugbespuiting
Bome, Vingerd en Boord Gewasse	Eenjarige Onkruid: 1.0 tot 2.0 kg/ha Meerjarige onkruid Sien hieronder	Radpleeg voorsorg matriëls bo. Appels, pere en wingerd: Clear Out 500 WG kan met Gap MCPA soos aanbeveel toegedien word. Piesangs: Beskerm stamme en suiers van kontak met die spuit stof. Pynapples & Turksvye: Dien toe as 'n gerigte bespuiting tussen die rye. Wingerd: Dien toe op wingerd stokke wat ouer as twee jaar is, voor bot stadium.

Meerjarige onkruid Spesies	Clear Out 500 WG Dosis: Kg/ha of (% oplossing)	Aanwysings – loof toediening
<i>Acacia mearnsii</i> Swartwattel	2.25% or 1.0%	Spuit saailinge en hergroei tot 1.0m hoog.
<i>Acacia Saligna</i> Goudwilger	1.5-3.0 or 3.0%	Bipinnate (2) blaar stadium: Gebruik die laer dosis. Saailinge op 60cm gebruik die hoër dosis.
<i>Caesalpinea decapetula</i> Kraaldoring	2.25 or 1.0%	Spuit saailinge en hergroei tot 1.0m hoog.
<i>Cannabis sativa</i> Dagga	2.27	Slegs Lugbespuiting
<i>Chromolaena odorata</i> Paraffinbos	0.75%	Kap bestaande plante af en spuit dan die hergroei op 50cm to 1m high. Herhaal soos nodig.

<i>Convolvulus arvensis</i> Akkerwinde	4.3 or 2.0%	Dien toe in somer by blomstadium. Opvolg bespuiting van hergroei met 1.0% oplossing.
<i>Cynodon dactylon</i> Kweekgras	4.3 or 2.0%	Dien toe in herfs en dien opvolg bespuiting in die somer met 3.0ℓ/ha of 1.5% oplossing kol bespuitingspot. Winter reeval gebied: Dien toe in herfs teen 6.5kg/ha.
<i>Cyperus esculentus</i> Geel uintjies	4.3 or 2.0%	Dien toe in somer by blomstadium. Opvolg bespuiting van hergroei met 2.0ℓ/ha or 1.0% oplossing
<i>Cyperus rotundus</i> Rooi Uintjies	4.3 or 2.0%	Dien toe in somer by blomstadium. Opvolg bespuiting van hergroei met 2.0ℓ/ha or 1.0% oplossing.
<i>Eichhornia crassipes</i> Waterhiasint	4.3 or 2.0%	Dien toe in somer waneer loof goed ontwikkel is. Gebruik rugsakspuit met 2.0% oplossing of 'n mist-blaser teen 3.0% oplossing. ma gook met lugbespuiting toegedien word.
<i>Eragrostis curvula</i> Oulandsgras	1.5 or 1.0%	Dien toe in somer tot herfs
<i>Lantana camara</i> Lantana	4.3 or 2.0%	Dien toe in somer tot herfs opvolg bespuiting met rugsakspuit teen 2.0%oplossing ofa newelblaser teen 3.0% oplossing.
<i>Malva parviflora</i> Kiesieblaar	2.25 or 1%	Dien toe in vroeë lente in tenk mengsel met simazine so aandeveel op die etiket
<i>Mimosa pigra</i> Sensitiewe plant	2.2%	Kap bestaande plante af en spuit dan die hergroei op 1m high.
<i>Nassella trichotoma</i> Nassella polgras	3.0 or 1.5%	Dien toe in vroeë lente in 400ℓ/ha en 'n 1.5% bespuiting op hergroei.
<i>Panicum maximum</i> Buffel gras	3.0 or 2.0%	Dien toe in somer. Opvolg bespuiting op hergroei met 2.25kg/ha of 1.0% oplossing.
<i>Paspalum dilitatum</i> Gewone paspalum	4.3 or 2.0%	Dien toe in somer. Opvolg bespuiting op hergroei met 2.25kg/ha of 1.0% oplossing.
<i>Pasplaum paspaloides</i> Kweek paspalum	5.75	Dien toe in somer tydens blom. Opvolg bespuiting op hergroei met 3.0kg/ha of 1.5% oplossing. Winter reenstreek dien toe in herfs voor ryp voorkom.
<i>Pennisetum clande stinum</i> Kikoejoe	3.0 or 1.0%	Dien toe in somer tot herfs opvolg bespuiting teen 2.25 kg of 1% oplossing of a newelblaser teen 3.0% solution. Winter reenstreek dien toe in herfs voor ryp voorkom teen 6,5 kg/ha.
<i>Phragmites australis</i> Gewone fluitjiesriet	VERVOLG 4.3 or 2.0%	Dien toe in somer tot herfs by 20% tot 30% blom stadium opvolg bespuiting met rugsakspuit teen 2.0% oplossing of a newelblaser teen 3.0% oplossing. Lugbespuiting mag uitgevoer word.
<i>Phytolacca heptrandra</i> Boesmandruiwe	2.25 or 1.0%	Spuit saailinge en hergroei tot op 1.0m hoog.

<i>Plantago Lanceolata</i> Smalblaarplantago	2.25 or 1.0%	Dien toe in vroeë lente voor blom.
<i>Rubus species</i> Braambos	4.3 or 2.0%	Dien toe in somer tot herfs. Opvolg bespuiting met rugsakspuit teen 2.0% oplossing of a newelblaser teen 3.0% oplossing.
<i>Rumex species</i> Rooisuring	2.25 or 1.0%	Dien toe in vroeë lente voor blom.
<i>Sesbania punicea</i> Rooisesbania	2.25 or 1.0%	Sailinge tot 1.0m hoog: gebruik 1.0% oplossing. Sailinge tot 1.0m hoog: gebruik 1.5% oplossing. Struik & bome: Sny stamme af tot 5 tot 20cm bo die grond; laat hergroei tot to 1.0m; spuit hergroei blare met 1.0 – 1.5% oplossing.
<i>Setarea megaphylla</i> Breëblaarborselgras	4.3 or 2.0%	Dien toe in somer tot herfs. Opvolg bespuiting met rugsakspuit teen 2.0% oplossing of a newelblaser teen 3.0% oplossing.
<i>Solanum mauritianum</i> Luisboom	1.5 or 1.0%	Groot bome. Saag stamme af tot 5 tot 20cm bo grond; laat hergroei tot 50cm; spuit hergroei loof Saailinge tot 50cm: gebruik 0.4% oplossing.
<i>Sorghum bicolor</i> Gewone wildesorghum	1.5 or 1.0%	Dien toe in somer tot herfs.
<i>Sorghum halapense</i> Johnsongras	3.0 or 1.0%	Dien toe in somer tot herfs. Opvolg bespuiting met rugsakspuit teen 2,25 kg/ha of 1.0% oplossing

Boom Spesies	Dosis (% oplossing)	Aanwysings afgesnyde stomp toediening
Verwyder saagsels vanaf die stomp en dien dan Clear Out 500 WG toe op die oppervlakte van die afgesnyde stomp (veral die Kambium area) binne 30 mins na afsaag van die boom. Dien toe tot die punt van afloop om te verseker dat die oppervlakte deeglik benat word. Herhaal toediening na 10 minute weer om heregroei te beperk. Enige hergroei moet gespiet word as die lote sowat 50cm lank is met 'n oplossing van 3.5% Clear Out 500 WG (350g per 10l water).		
<i>Acacia dealbata</i> Silwerwattel	14.4% (1.44 kg per 10L)	Voeg 500ml Beef-up AS per 100L water by. Dien toe in Somer tot Herfs.
<i>Eucalyptus grandis</i> bloekomboom	3.6% of 5.0% (360g of 500g per 10L water)	Dien die laer dosis toe op enkel stam stompe (±50ml per stomp) en die hoer dosis tot multi-stam stompe (±100ml per stomp).

Suikerriet	Dosis (kg/ha)	Aanwysings
Finale ratoen uitwissing (Minimum Bewerking)	5.75 tot 7.25	Laat toe dat die suikerriet tot 45 to 50 cm hoog groei (spruitvorming stadium verby) na die finale oes. Dien Clear Out 500 WG in 100 tot 400L/ha.
Kobinasie bewerking	3.0 tot 3.6	Laat toe dat die suikerriet tot 45 to 50 cm hoog groei (spruitvorming stadium verby) na die finale oes. Dien Clear Out 500 WG toe in 100 to 400L/ha. Laat 1 tot 10 dae toe vir opname van die onkruid doder. Sny suikerriet stoele se wortels op 'n diepte van 10 tot 15 cm onder die grond oppervlak met in snyapparaat (snyskaar) af. Gebruik die hoer dosis op swaader gronde waar hergroei kon voorkom.
Kol uitwissing	7.0 tot 7.5%	Dien Clear Out 500 WG toe as 'n gerigte bespuiting op suikerriet stoele wat besmet is toe
(Omsoom) Rand van landerye	1.5 tot 2.0%	Die dosis hang af van die onkruid spektrum wat voorkom

Vir meer inligting oor **Clear Out 500 WG** en onkruid beheer, kontak U veskaffer