

Guardian S[®] EC

Onkruidodder deur
Herbicide by **Monsanto**

NOODTELEFOON / EMERGENCY TELEPHONE

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(24 uur internasionaal / 24 hr international)

MONSANTO



Reg. No. L4862 Wet 36/1947

'n Emulgeerbare konsentraat vir die vooropkomsbeheer van gras- en sekere breëblaaronkruid in mielies, aartappels en grondbone en vir voor- en na-opkoms-onkruidbeheer in plant- en opslagsuikerriet.

Aktiewe bestanddeel

Asetochlor

(chloroasetanilied HRAC GP K3) 840g/l

Geregistreer, vervaardig & versprei deur:

Monsanto Suid-Afrika (Edms) Bpk

Reg. No. 1968/001485/07

Posbus 69933

BRYANSTON

2021

UN NUMBER 3082

Reg. No. L4862 Act 36/1947

An emulsifiable concentrate for the pre-emergence control of grass and certain broadleaf weeds in maize, potatoes and groundnuts and for pre- and post emergence weed control in plant and ratoon sugarcane.

Active ingredient

Acetochlor

(chloroacetanilide HRAC GP K3) 840g/l

Registered, manufactured & distributed by:

Monsanto South Africa (Pty) Ltd.

Reg. No. 1968/001485/07

P.O. Box 69933

BRYANSTON

2021

Lot Nr.
Batch No.

Datum van vervaardiging
Date of manufacture



SKADELIK
HARMFUL



WAARSKUWINGS



WARNINGS

- Giftig indien ingesluk.
 - Verorsaak oog-irritasie.
 - Kan giftig wees vir visse.
 - Bewaar die middel weg van voedsel, voer, saad, kunsmis en ander landboumiddels.
 - 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 effektiwiteit 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
- Poisonous if swallowed.
 - Irritating to eyes.
 - Can be toxic to fish.
 - Store away from food, feedstuff, seed, fertilizers 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 soil and climatic 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 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 weeds against the remedy concerned as well as by the method, time and accuracy of application. The registration holder furthermore does not

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 ontstaan van toestande wat nie kragtens die registrasie voorsien kon word nie. Raadpleeg die verskaffer in die geval van enige onsekerheid.

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.

VOORSORGMAATREËLS



PRECAUTIONS

- Moenie dampe of spuitnewel inasem nie.
- Dra rubberhandskoene gedurende hantering van die konsentraat.
- As die middel met die vel of oë in aanraking kom, was dadelik met baie water. Indien nodig moet mediese behandeling verkry word.
- Moet nie eet, drink of rook tydens of na gebruik alvorens deeglik gewas en skoon klere aangetrek is nie.
- Voorkom spuitstofwegdrywing na en/of besoedeling van enige

- Do not breathe in fumes or spray mist.
- Wear rubber gloves when handling the concentrate.
- In case of accidental contact with skin or eyes, wash immediately with plenty of water and, in the case of eyes, get medical attention if necessary.
- Do not smoke, eat or drink while using, or before washing and change of clothing.
- Prevent spray drift and/or contamination onto crops, grazing,

gewasse, weiding, riviere, damme en enige ander gebiede wat nie behandel word nie.

- Moenie drinkwater, eetgerei, voedsel, voer, saad, kunsmis en enige ander landbouchemikalieë besoedel nie.
- Spoel die leë houer driekeer uit met 'n volume water gelykstaande aan 'n minimum van 10 % van die houer. Gooi die spoelwater by die inhoud van die spuittenk en vernietig die houer deur dit vol gate te slaan.
- Moenie leë houters vir enige ander doel gebruik nie.

rivers, dams or any other areas not under treatment.

- Prevent contamination of drinking water, eating utensils, food, feedstuff, seed, fertilizers and other agricultural chemicals.
- Rinse empty 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 by perforation.
- Do not re-use empty containers for any other purpose.

GEBRUIKSAANWYSINGS



DIRECTIONS FOR USE

GEBRUIK ALLEENLIK SOOS AANGEDUI

Algemene inligting

- Moenie GUARDIAN S EC op ingeteelde oerplante van mieliebasters of op eksperimentele of nuut vrygestelde kultivars gebruik alvorens die vervaardiger en die saadverspreider geraadpleeg is nie.

USE ONLY AS DIRECTED

General information

- Do NOT apply GUARDIAN S EC to inbred parent plants of maize hybrids, nor onto experimental or newly released cultivars without referring to the manufacturer and seed suppliers before application.

- Lees die beperkings rakende opvolggewasse op die etikette van onkruidodders wat met GUARDIAN S EC gemeng word.
- Moenie GUARDIAN S EC op swak gedreineerde grond toedien nie. Die onkruidoder mag tydens versuiptoestande skade aan gewasse veroorsaak.
- Moenie GUARDIAN S EC op waisande toedien nie.
- Vloedbesproeiing mag lei tot verminderde onkruidbeheer.
- Optimale onkruidbeheer word verkry op 'n fyn, gelyk saadbed wat vry van kluite, onkruid en plantreste is. GUARDIAN S EC sal ook onkruidbeheer waar verminderde of deklaagbewerking toegepas word.
- Alvorens GUARDIAN S EC saam met ander middels gebruik word, moet die etiket van die betrokke middel gelees en enige beperkings en aanbevelings nagekom word.

Gewasbeperkings Mielies

- Dien GUARDIAN S EC en Extrazine EC slegs as 'n

- Read the restrictions on rotation crops on labels of herbicides mixed with GUARDIAN S EC.
- Do not apply GUARDIAN S EC to poorly drained soils as waterlogging and the herbicide may cause crop injury.
- Do not apply GUARDIAN S EC to sandy soils which are susceptible to wind erosion.
- Flood irrigation can reduce weed control performance.
- Optimum weed control is obtained on a fine, even seedbed, free of weeds, trash and clods. However, GUARDIAN S EC will give weed control in stubble mulch or minimum tillage conditions.
- Before using GUARDIAN S EC in combination with other herbicides, read the labels and adhere to label recommendations and restrictions.

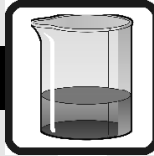
Crop restrictions Maize

- GUARDIAN S EC and Extrazine SC should be applied as a split

verdeelde behandeling toe en ook NIE op die laer potensiaal gronde van die Noord-Wes provinsie en die Noord- en Wes-Vrystaat nie.

application only and are restricted to areas other than the lower potential soils of the North West Province, North and Western Free State.

MENGINSTRUKSIES



MIXING INSTRUCTIONS

- Wanneer GUARDIAN S EC met ander onkruidodders vermeng word of in programbespuitings gebruik word, moet die etikette van alle betrokke produkte gelees en die aanbevelings nagekom word.
- Skud die houer deeglik voor gebruik. Maak dig toe na gebruik.
- Indien GUARDIAN S EC saam met enige ander geregistreerde onkruidodder in dieselfde spuit-tenk vermeng word, moet die volgende instruksies kronologies gevolg word:
 - a) Maak die spuittenk driekwart vol met skoon water en voeg die gekose hoeveelheid komplimentêre onkruidodder by terwyl daar gedurig geroer word.
 - b) Maak die spuittenk nou amper

- When mixing GUARDIAN S EC with other herbicides or using in a programme spray, read the labels of all the involved products and adhere to the recommendations.
- Shake container well before use. Close container securely after use.
- When mixing GUARDIAN S EC with other registered herbicides, use the following procedure chronologically:
 - a) Fill spray tank three quarters with clean water. Add required amount of complementary herbicide to the water, agitating continuously.
 - b) Continue filling the spray tank

vol met water en voeg die GUARDIAN S EC by. Vul nou die res van die tenk met water.

- c) Verseker dat die mengsel gedurende vulling en tydens bespuiting deurgaans geroer word.
- d) Tenkmengsels moet deeglik uitgespuit word en nie oornag in die spuittenk gelaat word nie.
- e) Spuittoerusting moet deeglik na toediening uitgespoel word.

with water and add the required amount of GUARDIAN S EC just before the tank is filled to its full level.

- c) Ensure thorough agitation of the mixture in the tank during mixing and spraying.
- d) Tank mixtures must be sprayed out immediately and not allowed to stand in the spray tank over night.
- e) Thoroughly flush out spraying equipment at the end of the spraying operation.

TOEDIENINGSINLIGTING



APPLICATION INFORMATION

- Sorg dat die toedieningsapparaat korrek gekalibreer is en gereeld nagegaan word voor en tydens toediening.
- GUARDIAN S EC-tenkmengsels moet verkieslik met plant, of onmiddellik na plant en binne 3 dae na laaste grondbewerking by mielies en suikerriet toegedien word. Die vooropkomsbehandeling by mielies mag nie later as drie dae na plant en laaste grondbewerking toegedien word nie. Gebruik 100 -

- Ensure spray equipment is accurately calibrated and regularly checked before and during the spraying operation.
- Apply GUARDIAN S EC tank mixtures in maize and plant sugarcane preferably at planting or immediately after planting and within 3 days after last cultivation. Do not apply pre-emerge treatments on maize later than three days after planting and last cultivation. Use 100 - 300 ℓ /ha total spray volume

300 μ l/ha van die spuitmengsel vir algehele grontoediening.

- 10 - 15 mm binne 7 - 10 dae na toediening is nodig vir goeie onkruidbeheer.
- Vir optimale onkruidbeheer, dien GUARDIAN S EC onmiddellik of tot 3 dae na plant en laaste grondbewerking toe. 10 - 15 mm reën of besproeiing is binne 3 dae na toediening nodig om die onkruid-doder in die sone van ontkiemende onkruid-sade in te was.
- Onder droë toestande mag onkruidsaailinge opkom, maar hulle is gewoonlik verpot en kan vernietig word met 'n vlak bewerking wat terselfdertyd die onkruid-doder met die boonste 10 - 20 mm grondlaag vermeng, of dit kan vernietig word met 'n bespuiting met 'n geregistreerde na-opkomsonkruid-doder.
- Indien korsvorming 'n probleem word, moet 'n roltandeg in dieselfde rigting as die plantrye gebruik word om die ontkieming van die mielies te bevorder.
- Skoffelbewerking na toediening mag onkruidbeheer benadeel as onbehandelde grond na die oppervlak gebring word.

for overall ground application.

- 10 - 15 mm rain within 7 - 10 days after application is necessary for good weed control.
- For optimum weed control, seed-bed preparation should take place within 3 days before planting, which is followed immediately by the GUARDIAN S EC application and then 10 - 15 mm rain or irrigation within 3 days to wash the herbicide into the zone of germinating weeds.
- Under dry conditions, weed seedlings may emerge. These are usually stunted and can be controlled with either a shallow cultivation, which also mixes the herbicide with the top 10 - 20 mm of soil, or with a recommended post emerge herbicide treatment.
- If soil crusting becomes a problem rotary harrow in the same direction the rows are planted, to assist maize germination.
- Cultivation after application may reduce weed control if untreated soil is brought to the surface.

- Sorg dat voldoende kunsmis met plant naby die saad geplaas word om kragtige saailinggroei te bevorder. Dit is veral van belang waar vroeg geplant word terwyl die grondtemperatuur relatief laag is met 'n aaneenlopende vogtige klimaat.
- Dosisse en spuitvolumes moet vir strookbehandelings dienooreenkomstig aangepas word.

- Ensure that sufficient fertilizer is placed near the seed at planting, to promote vigorous seedling growth. This is specially important at early planting when the soil temperature is relatively low accompanied with continuous moist conditions.
- Dosage rates and spray volumes should be adjusted accordingly for on the row band treatments.

TOEDIENINGSINLIGTING



APPLICATION INFORMATION

TOEDIENINGSHOEVEELHEID	APPLICATION RATES
GRONDBONE GROUNDNUTS	
<ul style="list-style-type: none"> • Dien GUARDIAN S EC toe na plant, maar voor die opkoms van die gewas en die ontkieming van die onkruid. • Vir die na-opkomsbeheer van GUARDIAN S EC-bestaande breëblaaronkruid in grondbone kan Basagran na 'n GUARDIAN S EC-bespuiting toegedien word. 	<ul style="list-style-type: none"> • Apply GUARDIAN S EC after planting but before crop and weed emergence. • For the post emergence control of GUARDIAN S EC resistant broadleaf weeds in groundnuts Basagran can be used after GUARDIAN S EC is applied at planting.



GRONDBONE (vervolg) GROUNDNUTS (continued)	
KLEI % CLAY	GUARDIAN S EC ℓ /ha
0 - 10	0.75 - 1.5
11 - 20	1.0 - 2.0
21 - 30	1.5 - 3.0
<ul style="list-style-type: none"> • Gebruik die laer dosis slegs vir die beheer van die volgende eenjarige grasse: * <i>Chloris virgata</i> (Witpluimchloris) * <i>Eleusine indica</i> (Jongosgras) * <i>Panicum schinzii</i> (Soetbuffelsgras) * <i>Urochloa panicoides</i> (Beesgras) • Gebruik die hoër dosis vir die beheer van: * <i>Digitaria sanguinalis</i> (Kruisvingergras) 	<ul style="list-style-type: none"> • Use the lower dosage rate for the control of the following annual grasses: * <i>Chloris virgata</i> (Feathertop Chloris) * <i>Eleusine indica</i> (Goose grass) * <i>Panicum schinzii</i> (Sweet buffalo grass) * <i>Urochloa panicoides</i> (Herringbone grass) • Use the higher dosage rate for the control of: * <i>Digitaria sanguinalis</i> (Crab finger grass)
MIELIES - EENMALIGE BESPUITING / MAIZE - SINGLE APPLICATION	
TABEL 1 Die beheer van eenjarige grasse en sekere breëblaaronkruid.	TABLE 1 The control of annual grasses and certain broadleaf weeds.
Dien toe as vooropkoms-behandeling binne 3 dae na plant en laaste grondbewerking.	Apply pre-emerge treatments within 3 days of planting and last cultivation.



TABEL 1 (vervolg)	TABLE 1 (continued)
KLEI % CLAY	GUARDIAN S EC μ /ha
0 - 10	0.75 - 1.0
11 - 20	1.0 - 1.3
21 - 30	1.3 - 1.65
31 - 40	1.65 - 1.8
> 40	2.0
<ul style="list-style-type: none"> • Gebruik die laer dosis op ligter gronde vir die beheer van: * <i>Chloris virgata</i> (Witpluimchloris) * <i>Eleusine indica</i> (Jongosgras) * <i>Panicum schinzii</i> (Soetbuffelsgras) * <i>Urochloa panicoides</i> (Beesgras) • Gebruik die hoër dosis vir hoë besmettings van: * <i>Digitaria sanguinalis</i> (Kruisvingergras) * <i>Urochloa panicoides</i> (Beesgras) 	<ul style="list-style-type: none"> • Use the lower dosage rate for the control of the following annual grasses: * <i>Chloris virgata</i> (Feathertop chloris) * <i>Eleusine indica</i> (Goose grass) * <i>Panicum schinzii</i> (Sweet buffalo grass) * <i>Urochloa panicoides</i> (Herringbone grass) • Use the higher dosage rate for the control of: * <i>Digitaria sanguinalis</i> (Crab finger grass) * <i>Urochloa panicoides</i> (Herringbome grass)



TABEL 2 Die beheer van eenjarige grasse, sekere breëblaaronkruid en wisselvallige beheer van Geeluintjies (<i>Cyperus esculentus</i>).		TABLE 2 The control of annual grasses, certain broadleaf weeds and variable Yellow nutsedge (<i>Cyperus esculentus</i>) control.	
Dien 'n tenkmengsel van GUARDIAN S EC en Robust SC toe as vooropkomsbehandeling binne 3 dae na plant en laaste grondbewerking.		Apply GUARDIAN S EC as a pre-emerge tank mix with Robust SC within 3 days after planting and last cultivation.	
KLEI % CLAY	GUARDIAN S EC μ /ha + Robust SC μ /ha		
0 - 10	0.2 - 0.4	3.25	
11 - 20	0.3 - 0.6	3.7	
21 - 30	0.4 - 0.8	4.6	
31 - 40	0.6 - 0.75	5.7	
Gebruik die hoër GUARDIAN S EC-dosis vir swaarder besmettings van <i>Digitaria sanguinalis</i> (Kruisvingergras).		The higher GUARDIAN S EC rate should be used for heavy <i>Digitaria sanguinalis</i> (Crab finger grass) control.	



TABEL 3 Die beheer van eenjarige grasse, sekere breëblaaronkruid en verbeterde wisselvallige beheer van Geeluintjies (<i>Cyperus esculentus</i>)		TABLE 3 The control of annual grasses, certain broadleaf weeds and improved variable Yellow nutsedge (<i>Cyperus esculentus</i>) control.	
Dien 'n tenkmengsel van GUARDIAN S EC en Robust SC toe as vooropkomsbehandeling binne 3 dae na plant en laaste grondbewerking.		Apply GUARDIAN S EC as a pre-emergence tank mix with Robust SC within 3 days after planting and last cultivation.	
KLEI % CLAY	GUARDIAN S EC μ /ha +		Robust SC μ /ha
0 - 10	0.8		3.2
11 - 20	1.0		3.7
21 - 30	1.1		4.6
31 - 40	1.2		5.7
TABEL 4 Die beheer van eenjarige grasse en verbeterde beheer van breëblaaronkruid.		TABLE 4 The control of annual grasses and improved broadleaf weed control.	
Dien 'n tenkmengsel van GUARDIAN S EC met RATEL SC of Robust SC of Atrasien SC of Bladex Plus of Durazin 600 SC of Suprazine 600 SC of Terbuzin 600 SC toe as na-plant-, maar vooropkomsbehandeling van die gewas en onkruid.		GUARDIAN S EC can be tank mixed with either RATEL SC or Robust SC or Atrasien SC or Bladex Plus or Durazin 600 SC or Suprazine 600 SC or Terbuzin 600 SC and applied post plant, pre-emergence of crop and weeds.	



TABEL 4 (vervolg)				TABLE 4 (continued)			
KLEI % CLAY		GUARDIAN S EC + RATEL SC ℓ /ha		Of/Or GUARDIAN S EC + Robust SC ℓ /ha			
0 - 10		0.4 - 0.6	2.75	0.8	3.25		
11 - 15		0.6	3.25	0.8	4.0		
16 - 20		0.6 - 0.8	3.25	0.8	5.0		
21 - 30		0.8 - 1.0	4.0	0.8	6.25		
31 - 40		1.0 - 1.4	5.0	0.8	7.5		
of/or							
		plus	of/or	of/or	of/or	of/or	of/or
Klei % % Clay	GUARDIAN S EC	Atrazine SC	Bladex Plus	Robust SC	Durazin 600 SC	Suprazine 600 SC	Terbuzin 600 SC
	ℓ /ha	ℓ /ha	ℓ /ha	ℓ /ha	ℓ /ha	ℓ /ha	ℓ /ha
0 - 10	0.75 - 1.0	0.75 - 2.5	*	2.25	2.0	2.1	2.0
11 - 20	1.0 - 1.3	2.0 - 3.25	2.0	2.6 - 2.9	2.7	2.7	2.7
21 - 30	1.3 - 1.65	2.5 - 4.0	2.5	3.6	3.3	3.3	3.3
31 - 40	1.65 - 1.8	3.25 - 4.75	2.5	4.0	4.0	4.0	4.0
41 - 55	2.0	3.5 - 5.0	*	*	4.0	4.0	4.0
<ul style="list-style-type: none"> • Wanneer 'n kort grondnawerking t.o.v. opvolggewasse verlang word, gebruik slegs 4.5 ℓ Atrazine SC / ha op gronde tot 35% klei en 2.0 ℓ/ha op gronde bo 35% klei. • GUARDIAN S EC kan in 'n tenkmengsel met Bladex Plus toegedien word waar residueel 				<ul style="list-style-type: none"> • When short soil persistence is required in view of follow-up crops use only 1.5 ℓ Atrazine SC / ha on soils up to 35% clay and 2.0 ℓ Atrazine SC /ha on soils over 35% clay. • GUARDIAN S EC can be used in a tank mix with Bladex Plus where Atrazine carryover could 			



TABEL 4 (vervolg)	TABLE 4 (continued)
<p>oordraging van Atrasien 'n probleem skep vir opvolggewasse.</p> <ul style="list-style-type: none"> • Hou by die gebruiksbepelings vir opvolggewasse, soos op die etikette van die Triasien-bevattende middels aangedui. • Nie aanbeveel waar met 'n * gemerk is nie. • GUARDIAN S EC + Extrazine SC moet NIE as 'n tenkmengsel gebruik word nie, slegs as 'n verdeelde toediening. Dit is nie geregistreer vir gebruik op die ligter, laer potensiaal gronde van die Noord-Wes Provinsie en die Noord- en Wes-Vrystaat nie. • Gebruik die laer dosisse op die ligter gronde en waar die onkruidpopulasiedruk nie so hoog is nie. 	<p>be a problem with rotation crops.</p> <ul style="list-style-type: none"> • Adhere to the use restrictions as indicated on the labels of the products containing Triazine for follow-up crops. • Not recommended where marked with a *. • GUARDIAN S EC + Extrazine SC should be applied as a split application only. It is not registered for use on the lower potential soils of the North West Province and Northern and Western Free State. • Use the lower rates on lighter soils and lower weed population pressure.



TABEL 5 Die beheer van eenjarige grasse en sekere breëblaaronkruid in die Noord-Wes Provinsie en Noord- en Wes-Vrystaat.		TABLE 5 The control of annual grasses and broadleaf weeds in Northwest Province and the Northern and Western Free State.	
Dien 'n tenkmengsel van GUARDIAN S EC en Atrasiën SC as vooropkomsbehandeling binne 3 dae na plant en laaste grondbewerking toe. Gebruik die laer dosis op die ligter gronde waar die dosis-keuse aangebied word.		GUARDIAN S EC and Atrazine SC tank mix can be applied post plant within 3 days of planting and last cultivation. Use the lower dosage on lighter soils where a dosage range is indicated.	
KLEI % CLAY	GUARDIAN S EC <i>l</i> /ha + Atrazine SC <i>l</i> /ha		
0 - 10	0.5		2.0 - 2.5
11 - 20	0.75 - 1.0		2.25 - 2.75
21 - 30	1.0		2.25 - 3.0
TABEL 6 Die verbeterde beheer van Soetbuffelgras (<i>Panicum schinzii</i>) en Beesgras (<i>Urochloa panicoides</i>) in die Noord-Wes Provinsie en die Noord- en Wes-Vrystaat.		TABLE 6 Extended control of Sweet Buffalo grass (<i>Panicum schinzii</i>) and Herringbome grass (<i>Urochloa panicoides</i>) in the Northwest Province, the Northern and Western Free State.	
Dien 'n tenkmengsel van GUARDIAN S EC en RATEL SC as vooropkomsbehandeling binne 3 dae na plant en laaste grondbewerking toe.		GUARDIAN S EC and RATEL SC can be applied in a tank mix post plant within 3 days of planting and last cultivation.	



TABEL 6 (vervolg)		TABLE 6 (continued)	
KLEI % CLAY	GUARDIAN S EC μ /ha + Atrazine SC μ /ha		
0 - 10	0.2	2.75	
11 - 20	0.2	3.25	
21 - 30	0.3	4.0	
31 +	Nie aanbeveel/Not recommended	Nie aanbeveel/Not recommended	

**MIELIES OPVOLGBESPUITING
MAIZE FOLLOW UP APPLICATION**

TABEL 1 Die beheer van eenjarige grasse en die verlengde beheer van breëblaaronkruid.	TABLE 1 The control of annual grasses and extended broadleaf weed control.
Dien GUARDIAN S EC toe as vooropkomsbehandeling binne 3 dae na plant en laaste grondbewerking. Volg die bespuiting op met 'n vroeë naopkomsbespuiting van Atrasien SC, Durazin 600 SC, Suprazine 600 SC, Terbuzin 600 SC of 'n tenkmengsel van Atrasien SC plus 2,4-D Amien, of Terbo. Die Atrasien SC-bespuiting alleen, of in 'n tenkmengsel met 2,4-D Amien moet voor die 5-blaarstadium van die breëblaaronkruid en voor die grasse stoel, toegedien word. Vir die beheer van Kruisvingergras (<i>Digitaria sanguinalis</i>) moet die toediening voor die 3-blaar-	GUARDIAN S EC can be applied to the soil surface within 3 days of planting and last soil cultivation. Follow up with Atrazine SC, Durazin 600 SC, Suprazine 600 SC, Terbuzin 600 SC or a tank mix of Atrazine SC plus 2,4-D Amine or Terbo as an early post emergence treatment. The Atrazine SC or Atrazine SC tankmix with 2,4-D Amine should be applied before broadleaf weeds are at the 5 leaf stage and before grasses have tillered. Crab finger grass (<i>Digitaria sanguinalis</i>) must be treated before the 3 leaf stage. Durazine 600 SC, Suprazine 600 SC or Tebuzin 600



TABEL 1 (vervolg)			TABLE 1 (continued)		
<p>stadium plaasvind. Durazin 600 SC, Suprazine 600 SC en Terbuzin 600 SC moet voor die 2- en 3-blaarstadium van breëblaaronkruid en voor grasse opkom; respektiewelik, toegedien word.</p>			<p>SC should be applied before broad-leaf weeds are at the 2 and 4-leaf stage respectively and before grasses emerged.</p>		
Klei % % Clay	Na plant Voor-opkoms Post plant pre-emergence	Opvolgbespuiting Vroeg na-opkoms			
		Follow up application Early post emergence			
	GUARDIAN S EC l/ha	plus Atrazine SC l/ha	of/or Suprazine 600 SC l/ha	of/or Durazin 600 SC of/or Terbuzin 600 SC l/ha	of/or l/ha
0 - 10	0.75 - 1.0	2.5	2.1	2.0	Atrazine SC 2.0 + 2,4-D Amien (480 g/l) 0.75 of/or
11 - 20	1.0 - 1.3	3.25	2.7	2.7	Atrazine SC 2.0 + Spotaxe 0.5 of/or
21 - 30	1.3 - 1.65	4.0	3.3	3.3	Atrazine WP 1.25 + Spotaxe 0.5 of/or
31 - 40	1.65 - 1.8	4.75	4.0	4.0	Spotaxe 0.5 of/or
> 40	2.0	5.0	4.0	4.0	Spotaxe 0.5 of/or Terbo 1.25 - 1.5



TABEL 2 Die verlengde beheer van eenjarige grasse en breëblaaronkruid.		TABLE 2 Extended control of annual grasses and broadleaf weeds.	
<p>Dien GUARDIAN S EC algeheel of as 'n rybehandeling voor opkoms maar binne 3 dae na plant en laaste grondbewerking toe. Volg die bespuiting op met 'n vroeë na-opkomsbespuiting van RATEL SC volgens etiket-aanbevelings vir verlengde gras- en breëblaarbeheer. Die dosis moet aangepas word vir rybehandeling. Die laer dosisse moet op die ligter gronde gespuit word.</p>		<p>Apply GUARDIAN S EC as an overall or band treatment post plant within 3 days after planting and last cultivation followed by an early post emerge treatment of RATEL SC according to label recommendations to give extended grass and broadleaf weed control. Dosage rates should be adjusted accordingly for band treatments. The lower rates should be used on lighter soils.</p>	
KLEI % % CLAY	Na plant, voor-opkoms Post plant pre-emergence	Opvolgbespuiting Vroeg na-opkoms Follow up application Early post emergence	
	GUARDIAN S EC l/ha	RATEL SC l/ha	
0 - 10	0.5 - .075	3.0	
11 - 16	0.75	3.5	
17 - 20	0.75 - 1.0	3.5	
21 - 30	1.0 - 1.3	4.0	
31 - 50	1.0 - 1.5	4.0 - 6.0	



TABEL 3
Verbeterde beheer van eenjarige
grasse en breëblaaronkruid
onder droë toestande en die
onderdrukking van Geeluintjies
(*Cyperus esculentus*)

Werk GUARDIAN S EC vlak in net voor plant, opgevolg met 'n vroeg na-plant, voor- of na-opkomsbespuiting van RATEL SC, of Atrasien SC, of Bladex Plus, of Suprazine 600 SC, of Durazin 600 SC, of Terbuzin 600 SC of 'n na-opkomsbespuiting van 'n Atrasien SC en 2,4-D Amien tenkmengsel, of Terbo. Die inwerking van GUARDIAN S EC moet op 'n fyn, gelyk saadbed wat vry is van kluite en plantreste plaasvind. Werk die GUARDIAN S EC effektief 2.5 - 5 cm diep in, met behulp van 'n ligte tandimplement wat 5 - 10 cm diep werk. Die tande van die tandimplement moet gestel word om 'n egalige inwerking te verseker en 'n rolmandjie, sleepeg of tandeg moet agteraan die implement gekoppel word om 'n egalige vermenging en gelyk saadbed te verseker. Die inwerking van GUARDIAN S EC word nie aanbeveel op gronde wat 0 tot 10% klei of bo 35% klei bevat nie.

TABLE 3
Extended control of annual
grasses and broadleaf
weeds under dry condi-
tions and the suppression
of Yellow nutsedge
(*Cyperus esculentus*)

Apply GUARDIAN S EC as a pre plant, shallow incorporated treatment followed by an early post plant, pre or post emerge treatment of RATEL SC or Atrazine SC or Bladex Plus or Suprazine 600 SC or Durazin 600 SC or Terbuzin 600 SC or a post emerge treatment of Atrazine SC with 2,4-D Amine tankmix or Terbo. Incorporation of GUARDIAN S EC should be on a fine, even seedbed free of clods and trash, using a tine implement set at 5 - 10 cm to give an effective incorporation depth of 2,5 - 5 cm. Tines should be set to give an even incorporation with a rolling basket, drag harrow or spring loaded fine tooth harrow in tandem. The incorporation of GUARDIAN S EC is not recommended on soils of 0 - 10% clay nor those over 35 clay.



TABEL 3 (vervolg)				TABLE 3 (continued)			
	Voor plant ingewerk Pre-plant incorporated	Na plant opvolgbespuiting Post plant follow up application					
Klei % % Clay		Voor opkoms of Vroeg na-opkoms Pre-emergence or Early post emergence				Vroeg na-opkoms Early post emergence	
	GUARDIAN S EC €/ha	Atrazine SC €/ha	of/or Bladex Plus €/ha	of/or RATEL SC €/ha	of/or Suprazine 600 SC €/ha	of/or Durazin 600 SC of/or Terbutzin 600 SC €/ha	of/or €/ha
0 - 10	*	*	*	*	*	*	Atrazine SC 2.0 + 2,4-D Amien (480 g/l) 0.75
11 - 20	1.5	3.25	2.0 - 2.8	3.5	2.7	2.7	of/or
21 - 30	2.0	4.0	2.8 - 3.2	4.0	3.3	3.3	Atrazine SC 2.0 + Spotaxe 0.5
31 - 35	2.5	4.75	2.8 - 3.2	4.0	4.0	4.0	of/or Atrazine WP 1.25 kg + Spotaxe 0.5 of/or Spotaxe 0.5 of/or Terbo 1.25 - 1.5
* Nie aanbeveel nie * Not recommended							



**MIELIES - VERDEELDE OPVOLGBESPUITING
MAIZE - SPLIT APPLICATION**

<p align="center">TABEL 1</p> <p>Verlengde beheer van eenjarige grasse en breëblaaronkruid</p>	<p align="center">TABLE 1</p> <p>Extended control of annual grasses and broadleaf weeds</p>
<p>Dien GUARDIAN S EC toe as vooropkomsbehandeling binne 3 dae na plant en laaste grondwerking, opgevolg met 'n vroeë na-opkomsbespuiting van:</p> <ul style="list-style-type: none"> * GUARDIAN S EC in 'n tenkmengsel met Atrasien SC alleen, of Atrasien SC saam met Spotaxe, of Spotaxe alleen, of Bladex Plus, of Extrazine SC, of Terbo, of Suprazine 600 SC, of Durazin 600 SC, of Terbuzin 600 SC. * HARNESS EC in 'n tenkmengsel met Atrasien SC alleen, of Atrasien SC saam met Spotaxe, of Spotaxe alleen, of Bladex Plus of Extrazine SC, of Terbo, of Suprazine 600 SC, of Durazin 600 SC, of Terbuzin 600 SC. 	<p>Apply GUARDIAN S EC as a post plant pre-emerge treatment within 3 days of planting and last cultivation followed by an early post emerge treatment of:</p> <ul style="list-style-type: none"> * GUARDIAN S EC tank mixed with either Atrazine SC alone or with Atrazine SC plus Spotaxe, or with Spotaxe alone, or with Bladex Plus, or with Extrazine SC, or with Terbo, or with Suprazine 600 SC, or with Durazin 600 SC, or with Terbuzin 600 SC. * HARNESS EC tank mixed with either Atrazine SC alone, or with Atrazine SC plus Spotaxe, or with Spotaxe alone, or with Bladex Plus, or with Extrazine SC, or with Terbo, or with Suprazine 600 SC, or with Durazine 600 SC, or with Terbuzin 600 SC.



TABEL 1 (vervolg)	TABLE 1 (continued)
<p>* LASSO EC in 'n tenkmengsel van Atrasiën SC alleen, of Atrasiën SC saam met Spotaxe, of Spotaxe alleen, of Bladex Plus, of Extrazine SC, of Terbo, of RATEL SC, of Suprazine 600 SC, of Durazin 600 SC, of Terbuzin 600 SC.</p> <p>* LASSO Micro Tech™ in 'n tenkmengsel van Atrasiën SC alleen, of Atrasiën SC saam met Spotaxe, of Spotaxe alleen, of Bladex Plus, of Extrazine SC, of Terbo, of RATEL SC, of Suprazine 600 SC, of Durazin 600 SC, of Terbuzin 600 SC.</p>	<p>* LASSO EC tank mixed with either Atrazine SC alone, or with Atrazine SC plus Spotaxe, or with Spotaxe alone, or with Bladex Plus, or with Extrazine SC, or with Terbo, or RATEL SC, or with Suprazine 600 SC, or with Durazin 600 SC, or with Terbuzin 600 SC.</p> <p>* LASSO Micro Tech™ tank mixed with either Atrazine SC alone, or with Atrazine SC plus Spotaxe, or with Spotaxe alone, or with Bladex Plus, or with Extrazine SC, or with Terbo, or RATEL SC, or with Suprazine 600 SC, or with Durazin 600 SC, or with Terbuzin 600 SC.</p>

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TABEL 1 (vervolg)		TABLE 1 (continued)	
Klei % % Clay	Na plant Voor opkoms Post plant Pre-emergence	Vroeg na opkoms d/ha Early post emergence d/ha	
	GUARDIAN S EC d/ha		Plus
0 - 10	0.75	0.75 GUARDIAN S EC of/or 0.75 HARNESS EC of/or 2.0 LASSO EC of/or 1.6 LASSO MT	2.0 Atrazine SC met of sonder/ with or without 0.5 Spotaxe 0.5 Spotaxe 1.25 - 1.5 Terbo 2.1 Suprazine 600 SC 2.0 Durazin 600 SC 2.0 Terbuzin 600 SC
11 - 20	1.0	0.75 - 1.0 GUARDIAN S EC of/or 0.75 - 1.0 HARNESS EC of/or 2.0 LASSO EC of/or 1.6 LASSO MT	3.0 Atrazine SC 2.0 Atrazine SC met of sonder/ with or without 0.5 Spotaxe 0.5 Spotaxe 2.0 Bladex Plus 2.25 Extrazine SC 1.25 - 1.5 Terbo 2.7 Suprazine 600 SC 2.7 Durazin 600 SC 2.7 Terbuzin 600 SC
21 - 30	1.3	1.0 GUARDIAN S EC of/or 1.0 HARNESS EC	3.0 - 3.5 Atrazine SC 2.0 Atrazine SC met of sonder/ with or without 0.5 Spotaxe 0.5 Spotaxe 2.5 Bladex Plus 2.75 Extrazine SC 1.25 - 1.5 Terbo 3.3 Suprazine 600 SC 3.3 Durazin 600 SC 3.3 Terbuzin 600 SC

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APPLICATION INFORMATION

TABEL 1 (vervolg)			TABLE 1 (continued)	
Klei % % Clay	Na plant Voor opkoms Post plant Pre-emergence	Vroeg na opkoms €/ha Early post emergence €/ha		
	GUARDIAN S EC €/ha		Plus	
31 - 50	1.65	of/or of/or	2.0 LASSO EC 1.6 LASSO MT	4.0 RATEL SC
		of/or of/or	2.0 LASSO EC 1.6 LASSO MT	of/or 2.0 Atrazine SC met of sonder/ with or without 0.5 Spotaxe
		of/or of/or	1.0 GUARDIAN S EC 1.0 HARNESS EC	of/or 0.5 Spotaxe
		of/or of/or	2.0 LASSO EC 1.6 LASSO MT	of/or 2.5 Bladex Plus
		of/or of/or	2.0 LASSO EC 1.6 LASSO MT	of/or 2.75 Extrazine SC
		of/or of/or	2.0 LASSO EC 1.6 LASSO MT	of/or 1.25 - 1.5 Terbo
		of/or of/or	2.0 LASSO EC 1.6 LASSO MT	of/or 4.0 Suprazine 600 SC
		of/or of/or	2.0 LASSO EC 1.6 LASSO MT	of/or 4.0 Durazin 600 SC
		of/or of/or	2.0 LASSO EC 1.6 LASSO MT	of/or 4.0 Terbuzin 600 SC
		of/or of/or	2.0 LASSO EC 1.6 LASSO MT	4.0 - 6.0 RATEL SC
<p>Die na-opkomsbehandeling moet voor die 5-blaarstadium van die breëblaaronkruid en voor die stoelstadium van eenjarige grasse plaasvind.</p> <p>Kruisvingergras (<i>Digitaria sanguinalis</i>) moet voor die 3-blaarstadium behandel word.</p>			<p>Early post emergence treatments must be applied before the 5-leaf stage of broadleaf weeds and before tillering of annual grasses.</p> <p>Crab finger grass (<i>Digitaria sanguinalis</i>) must be treated before the 3-leaf stage.</p>	



**MIELIES - OPVOLGBESPUITINGS NA EPTAM SUPER-
BEHANDELING
MAIZE - FOLLOW UP APPLICATION AFTER EPTAM SUPER
TREATMENT**

Vir verlengde onkruidbeheer moet die EPTC Plus- of Eptam Super-behandeling binne 3 weke opgevolg word met GUARDIAN S EC alleen (Sien 'Mielies - Eenmalige Bespuiting, Tabel 1'), of in 'n tenkmengsel met RATEL SC, of Robust SC, of Atrasien SC, of Bladex Plus, of Extrazine SC, of Suprazine 600 SC, of Durazin 600 SC, of Terbuzin 600 SC (Sien 'Mielies - Eenmalige Bespuiting, Tabelle 2 - 6'). Alle bestaande onkruid moet vernietig word met 'n vlak skoffelbewerking voor die GUARDIAN S EC-behandeling. Waar die toediening na opkoms plaasvind, moet die bespuiting tussen die rye gerig word.

For extended weed control in EPTC Plus or Eptam Super treated maize, apply GUARDIAN S EC alone within 3 weeks (see 'Maize single application Table 1') or in a tank mix with either RATEL SC, or Robust SC, or Atrazine SC, or Bladex Plus, or Extrazine SC, or Suprazine 600 SC, or Durazin 600 SC, or Terbuzin 600 SC within 3 weeks of planting (see 'Maize single application' Tables 2 - 6). Before applying GUARDIAN S EC, all existing weeds should be destroyed by a shallow cultivation. Where the crop has emerged, all applications should be directed in-ter row and not over the row.

**MIELIES - BEWARINGSBEWERKING
MAIZE - CONSERVATION TILLAGE**

Dien 'n tenkmengsel van ROUNDUP CT plus GUARDIAN S EC voor of binne 3 dae na plant of laaste grondbewerking toe (sien 'Mielies - Eenmalige Bespuiting,

Apply a tank mix of ROUNDUP CT and GUARDIAN S EC prior to or within 3 days of planting the crop (see 'Maize single application Table 1'). This treatment is directed

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Tabel 1'). Die oogmerk met die behandeling is om jong bestaande onkruid te vernietig en 'n na-opkoms effek te hê. Met plant vind grondverstoring in die plantry plaas wat onkruid stimuleer om te ontkiem. Die gebruik van 'n na-opkomsonkruidodder word vir die doel aanbeveel.

Atrasien EC kan by bogenoemde tenkmengsel gevoeg word (sien 'Mielies - Eenmalige Bespuiting, Tabel 2 - 6'), maar die mengbaarheid moet telkens eers getoets word. (Die kwaliteit van die verdunningswater bepaal dikwels die mengbaarheid). Indien flokkulasie of afsakking voorkom, word dié tenkmengsel nie aanbeveel nie. Afsonderlike bespuitings word onder sulke omstandighede aanbeveel.

at destroying existing young weeds and having pre-emerge herbicidal action. The planting process may result in weed emergence on or near the row and use should be made of a later post emergence treatment.

The above tank mix can be mixed with Atrazine SC (see 'Maize single application, Table 2 - 6') but it is essential to establish herbicide compatibility before large scale application. (The quality of the water used for dilution most often determines the compatibility). Do not spray this mix if there are signs of flocculation or settling out in the spray tank. If compatibility problems do occur, spray the Atrazine SC separately.



**SUIKERRIET - VOOROPKOMSBESPUITING
SUGAR CANE - PRE-EMERGE APPLICATION**

GUARDIAN S EC kan in 'n mengsel met ander onkruidodders vir voor- en na-opkomsonkruidbeheer in plant- en ratoenriet gebruik word.

GUARDIAN S EC can be used in combination with other herbicides for pre and post emerge weed control in plant- and ratoon sugarcane.

TABEL 1
Beheer van eenjarige grasse, breëblaaronkruid en Geeluintjies (*Cyperus esculentus*).

TABLE 1
Annual grasses, broadleaf weed and Yellow nutsedge (*Cyperus esculentus*) control.

GUARDIAN S EC ℓ /ha

+

ℓ /ha

2.0 - 3.0

Gesapax 500 SC 2.0 - 3.0
of/or
Diuron SC 3.0

Gebruik die hoër dosisse op gronde met meer as 30% klei en ook waar 'n langer nawerking wenslik is en/of waar 'n verbeterde beheer van *Cyperus esculentus* (Geeluintjies) verlang word. Die laer dosisse word op ligter gronde aanbeveel.

The higher dosage rates should be used on heavier soils (30% + clay) and also where a longer residual action is required and/or for improved control of *Cyperus esculentus* (Yellow nutsedge). The lower dosage rates should be used on lighter soils.



SUIKERRIET - NA-OPKOMSBESPUITING
SUGAR CANE - POST EMERGE APPLICATION

TABEL 1 Beheer van eenjarige grasse, breëblaaronkruid en <i>Cyperus esculentus</i> (Geeluintjies).		TABLE 1 Annual grasses, broadleaf weed and <i>Cyperus esculentus</i> (Yellow nutsedge) control.
Opmerking	Toediening/Application d/ha	Remarks
* Na die 5-blaarstadium van die suikerriet moet die bespuiting tussen die rye gerig word.	GUARDIAN S EC 2.0 - 3.0 + Gesapax 500 SC 6.0 + Nie-ioniese bevorderingsmiddel 0.2% van spuitvolume (bv Agrowett) Non-ionic surfactant 0.2% of spray volume (i.e. Agrowett)	* After the 5 leaf stage of the cane, the treatment should be directed between the rows.
* Mag slegs tot en met die 2-blaarstadium van suikerriet toegedien word. * Beheer <i>Cyperus esculentus</i> (Geeluintjies)	of/or GUARDIAN S EC 2.0 - 3.0 + Gesapax 500 SC 3.0 - 5.0 + Gramoxone 1.5	* May only be applied up to and including the 2 - 3 leaf stage of the cane. * Controls <i>Cyperus esculentus</i> (Yellow nutsedge)
* Gerigte bespuiting tussen die rye moet na die 5-blaarstadium van suikerriet toegepas word. * Beheer <i>Cyperus esculentus</i> (Geeluintjies)	of/or GUARDIAN S EC 2.0 - 3.0 + Diuron 2.5 - 3.0 + Oxytril 1.25	* After the 5 leaf stage of the cane, the treatment should be directed between the rows. * Controls <i>Cyperus esculentus</i> (Yellow nutsedge)

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APPLICATION INFORMATION

TABEL 1 (vervolg)		TABLE 1 (continued)
Opmerking	Toediening/Application #/ha	Remarks
<p>* Mag op suikerriet net tot op die 2 - 3-blaarstadium gebruik word.</p> <p>* Beheer Cyperus esculentus (Geeluintjies)</p>	<p>of/or GUARDIAN S EC 2.0 - 3.0 + Diuron 2.5 - 3.0 + Gramoxone 1.5</p>	<p>* May only be applied up to and including the 2 - 3 leaf stage of the cane.</p> <p>* Controls Cyperus esculentus (Yellow nutsedge)</p>

<ul style="list-style-type: none"> • Gebruik die hoër dosis op die swaarder gronde. • Die na-opkomsbehandeling moet voor die stoelstadium van eenjarige grasse plaasvind. • GUARDIAN S EC sal nie blaarskade aan die suikerriet veroorsaak nie. Sekere van die onkruidodders in die tenkmengsels mag skade op die suikerriet veroorsaak. Lees die betrokke etikette rakende gebruiksbepelings sorgvuldig voor bespuiting. 	<ul style="list-style-type: none"> • The higher dosage rates should be used on heavier soils. • The above post-emerge treatments should be made before tillering of annual grasses. • GUARDIAN S EC will not cause foliar injury to sugarcane. However, certain herbicides in the above tank mix combinations may cause injury. Consult the relevant labels regarding use restrictions prior to use.
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**ONKRUID WAT DEUR GUARDIAN S EC BEHEER WORD
WEEDS CONTROLLED BY GUARDIAN S EC**

Litjessinjaalgras	<i>Brachiaria eruciformis</i>	Sweet signal grass
Witpluimchloris	<i>Chloris virgata</i>	Feathertop chloris
Kruisvingergras	<i>Digitaria sanguinalis</i>	Crab finger grass
Jongosgras	<i>Eleusine indica</i>	Goose grass
Gewone buffelsgras	<i>Panicum maximum</i>	Common buffalo grass
Soetbuffelsgras	<i>Panicum schinzii</i>	Sweet buffalo grass
Rooiborselsaadgras	<i>Setaria pallide-fusca</i>	Garden bristle grass
Beesgras	<i>Urochloa panicoides</i>	Herringbone grass
Meerjarige misbredie	<i>Amaranthus deflexus</i>	Perennial pigweed
Gewone misbredie	<i>Amaranthus hybridus</i>	Common pigweed
Doringmisbredie	<i>Amaranthus spinosus</i>	Thorny pigweed
Withondebossie	<i>Chenopodium album</i>	White goosefoot
Groenhondebossie	<i>Chenopodium carinatum</i>	Green goosefoot
Bengaalse wandelende jood	<i>Commelina benghalensis</i>	Bengal wandering jew
Stinkblaar (alleenlik vroeg ontkiemend)	<i>Datura spp</i>	Thorn apple (early germinating only)
Terblansbossie	<i>Hibiscus trionum</i>	Bladder weed
Wilde appelliefie	<i>Physalis angulata</i>	Wild gooseberry
Porselein	<i>Protulaca oleracea</i>	Purslane
Kleinkakiebos	<i>Schkuhria pinnata</i>	Dwarf marigold
Kakiebos (alleenlik vroeg ontkiemend)	<i>Tagetes minuta</i>	Khaki weed (early germinating only)

Aangesien GUARDIAN S EC eenjarige grasse beheer, kan ander eenjarige grasse wat nie gelys is nie, ook tot 'n mindere of meerdere mate beheer word. Die registrasiehouer aanvaar egter geen aanspreeklikheid t.o.v. ongelyste onkruid nie.

Since GUARDIAN S EC controls annual grasses, other annual grasses that are not listed may be controlled to a greater or lesser degree. The registration holder does not accept any liability in respect of the control of unlisted weeds.

**ONKRUIDE WAT WISSELVALLIG DEUR GUARDIAN S EC BEHEER WORD
WEED VARIABLY CONTROLLED BY GUARDIAN S EC**

Geeluintjies

Cyperus esculentus

Yellow nutsedge

Die beheer van ***Cyperus esculentus*** is afhanklik van die volgende:

- Waar die dosiskeuse aangebied word moet die hoër dosis gebruik word.
- 'n Diepbewerking moet die plantproses voorafgaan
- Dien GUARDIAN S EC onmiddellik of binne 2 dae na plant en laaste grondbewerking toe.
- Ongeveer 12 mm reën of besproeiing binne 7 - 10 dae na bespuiting.

The control of ***Cyperus esculentus*** is dependent on the following:

- Where a dosage choice is given, the higher rate should be used.
- Planting must be preceded by a deep ploughing.
- GUARDIAN S EC must be applied immediately after planting and last cultivation or within 2 days.
- ± 12 mm rain/irrigation within 7 - 10 days of spraying.

**ONKRUIDE WAT DEUR 'N TENKMENGSEL VAN GUARDIAN S EC
EN DIE HOËR ATRASIEN SC DOSIS BEHEER WORD
WEEDS CONTROLLED BY GUARDIAN S EC AND ATRAZINE SC
AT THE HIGHER APPLICATION RATE**

Agtsadige kruipsterklits	<i>Acanthospermum australe</i>	Eight seeded prostrate starbur
Vyfsadige Kruipsterklits	<i>Acanthospermum glabratum</i>	Five seeded prostrate starbur
Regopsterklits	<i>Acanthospermum hispidum</i>	Upright starbur
Gewone misbredie	<i>Amaranthus hybridus</i> *	Common pigweed
Doringmisbredie	<i>Amaranthus spinosus</i> *	Thorny pigweed
Roomisbredie	<i>Amaranthus thunbergii</i> *	Red pigweed
Spaanse knapsekêrel	<i>Bidens bipinnata</i>	Spanish blackjack
Kosmos	<i>Bidens formosa</i>	Cosmos
Knapsekêrel	<i>Bidens pilosa</i> *	Blackjack
Withondebossie	<i>Chenopodium album</i> *	White goosefoot
Groenondebossie	<i>Chenopodium carinatum</i>	Green goosefoot
Rusperbossie	<i>Cleome monophylla</i>	Spindlepod
Mooinooientjie	<i>Cleome rubella</i>	Pretty lady
Bengaalse wandelende jood	<i>Commelina benghalensis</i>	Bengal wandering jew
Mielie crotalaria	<i>Crotolaria sphaerocarpa</i>	Mielie crotalaria
Groot stinkblaar	<i>Datura ferox</i> *	Large thorn apple
Stinkblaar	<i>Datura stramonium</i> *	Thorn apple
Knopkruid	<i>Galinsoga parviflora</i>	Gallant soldier
Gisekia	<i>Gisekia pharnaceoides</i>	Gisekia
Terblansbossie	<i>Hibiscus trionum</i> *	Bladder weed
Wildestokroos	<i>Hibiscus cannabinus</i>	Kenaf
Basterappelliefie	<i>Nicandra physaloides</i>	Apple of Peru
Wilde appelliefie	<i>Physalis angulata</i> *	Wild gooseberry
Porselein	<i>Portulaca oleracea</i> *	Purslane
Tropiese richardia	<i>Richardia brasiliensis</i>	Tropical richardia
Kleinkakiebos	<i>Schkuhria pinnata</i> *	Dwarf marigold
Kakiebos	<i>Tagetes minuta</i> *	Khakiweed
Wilde akkerboontjie	<i>Vigna vexillata</i>	Wild cowpea

Die volgende handelsmerke en registrasies onder Wet 36 van 1947 word erken:		The following trademarks and registrations under Act 36 of 1947 are acknowledged:	
Produk Product	Reg. No.	Registrasiehouer	Registration holder
2,4-D amine	L 3619/L6459	Dow AgroSciences, BPK	Dow AgroSciences, LTD
Agrowett	L3318	Dow AgroSciences, BPK	Dow AgroSciences, LTD
Armoblen 850	L4159	Dow AgroSciences, BPK	Dow AgroSciences, LTD
Atrasien 500 SC	L0498	Dow AgroSciences, BPK	Dow AgroSciences, LTD
Atrazine 800 WP	L0839	Dow AgroSciences, BPK	Dow AgroSciences, LTD
Basagran	L2916	B.A.S.F.S.A. (Edms) Bpk	B.A.S.F.S.A. (Pty) Ltd
Bladex Plus	L5272	B.A.S.F.S.A. (Edms) Bpk	B.A.S.F.S.A. (Pty) Ltd
Diuron 800 SC	L3200/L5745	Dow AgroSciences, BPK	Dow AgroSciences, LTD
Durazin 600 SC	L4684	Syngenta AG, Basel, Switzerland	Syngenta AG, Basel, Switzerland
Eptam Super	L3897	Syngenta AG, Basel, Switzerland	Syngenta AG, Basel, Switzerland
EPTC Plus	L5248	Kynoch Agro Chemicals (Edms) Bpk	Kynoch Agro Chemicals (Pty) Ltd
EPTC Plus	L4504	Universal Crop Protection (Edms) Bpk	Universal Crop Protection (Pty) Ltd
Extrazine SC	L5274	B.A.S.F.S.A. (Edms) Bpk	B.A.S.F.S.A. (Pty) Ltd
Gesapax 500 SC	L2784	Syngenta AG, Basel, Switzerland	Syngenta AG, Basel, Switzerland
Gramoxone	L1174	Syngenta AG, Basel, Switzerland	Syngenta AG, Basel, Switzerland
GUARDIAN S EC	L4862	Monsanto SA (Edms) Bpk	Monsanto SA (Pty) Ltd
HARNESS EC	L3029	Monsanto SA (Edms) Bpk	Monsanto SA (Pty) Ltd
LASSO EC	L0977	Monsanto SA (Edms) Bpk	Monsanto SA (Pty) Ltd
LASSO MT	L4728	Monsanto SA (Edms) Bpk	Monsanto SA (Pty) Ltd
MCPA	L3616	Dow AgroSciences, BPK	Dow AgroSciences, LTD
MCPA	L1404	Aventis CropScience, SA (Edms) Bpk	Aventis CropScience, SA (Pty) Ltd
Oxytril	L3982	Aventis CropScience, SA (Edms) Bpk	Aventis CropScience, SA (Pty) Ltd
RATEL SC	L5063	Monsanto SA (Edms) Bpk	Monsanto SA (Pty) Ltd
Robust SC	L5068	Dow AgroSciences, BPK	Dow AgroSciences, LTD
ROUNDUP CT	L4733	Monsanto SA (Edms) Bpk	Monsanto SA (Pty) Ltd
Spotaxe	L4303	Syngenta AG, Basel, Switzerland	Syngenta AG, Basel, Switzerland
Suprazine 600 SC	L4848	Dow AgroSciences, BPK	Dow AgroSciences, LTD
Terbo	L3931	Aventis CropScience, SA (Edms) Bpk	Aventis CropScience, SA (Pty) Ltd
Terbutzin 600 SC	L4683	Syngenta AG, Basel, Switzerland	Syngenta AG, Basel, Switzerland

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