



# SIMANEX 500 SC

Reg no L 5335 Act/Wet 36 / 1947  
N-AR 0493

A suspension concentrate pre-emergence herbicide for the control of a variety of annual grasses and broadleaf weeds in apples, pears, asparagus, triazine resistant canola cultivars, citrus and vines as well as for industrial use on uncultivated areas, roadsides, etc.	'n Suspensiekonsentraat, vooropkom onkruidoder vir die beheer van 'n verskeidenheid eenjarige grasse en breëblaaronkruid in appels, pere, aspersies, triasien weerstandbiedende kanola kultivars, sitrus en wingerde asook vir industriële gebruik op onverboude terreine, padkante, ens.
---	---

HRAC Herbicide Group Code	C 1	HRAC Onkruidodergroepkode
---------------------------	-----	---------------------------

## ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL

Simazine (triazine)	490 g / l	Simasien (triasien)
Related active triazines	10 g / l	Verwante aktiewe triasiene

## NET CONTENTS / NETTO INHOUD

.....

## REGISTRATION HOLDER / REGISTRASIEHOUER

Makhteshim-Agan SA (Pty) LTD  
 Reg no 1992/001741/07  
 21 Viben street, BRACKENFELL  
 P.O box 498, BRACKENFELL 7561  
 Tel no: (021) 982 1460  
 Fax no: (021) 982 5810

Batch number	.....	Lotnommer
Date of Manufacture	.....	Datum van Vervaardiging



**WARNINGS:**

- Harmful if swallowed.
- Store in a cool, dry place away from food, feed, seed and other agricultural remedies.
- Keep out of reach of children, uninformed persons and animals.
- May be irritating to eyes and skin
- May cause sensitization by skin contact

**Although this remedy has been extensively tested under a large variety of conditions the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions; quality of dilution water; compatibility with other substances not indicated on the label and the occurrence of resistance of weeds against the remedy concerned as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.**

**PRECAUTIONS:**

- Avoid inhalation of fumes and spray mist.
- Wash with soap and water after use.
- Wash contaminated clothing after use.
- Do not eat, drink or smoke during mixing or application or before hands and face are washed.
- No mixing or filling of spray tanks should take place within 15 m of rivers, dams or boreholes.
- Avoid backward siphoning to boreholes, rivers or dams if the product is applied through an irrigation system.
- Do not apply the product within 60 m of dams.
- Prevent drift of spray mist onto other crops, rivers, dams or any area that is not under treatment.
- Clean the applicator thoroughly after application and throw the wash water where it will not contaminate rivers, dams, boreholes or grazing.
- Avoid the contamination of food, feed, drink water and eating utensils.
- Rinse the empty container three times with a volume of water equal to at least 10 % of that of the volume of the container. Add the rinsate to the contents of the spray tank.
- Destroy the empty container and do not re-use for any other purpose.

**RESISTANCE WARNING:**

For resistance management Simanex 500 SC is a group code C 1 herbicide. Any weed population may contain individuals naturally resistant to Simanex 500 SC and other group code C 1 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by Simanex 500 SC or any other group code C 1 herbicides. To delay herbicide resistance:

- 1) Avoid exclusive repeated use of herbicides from the same herbicide group code. Alternate or tank mix with products from different herbicide codes
- 2) Integrate control methods (chemical, cultural and biological) into weed control programs.

For specific information on resistance management contact your local distributor.

### **SOME WEED SPECIES NORMALLY CONTROLLED BY SIMANEX 500 SC**

<i>Amaranthus hybridus</i>	-	Cape pigweed
<i>Amaranthus spinosus</i>	-	Thorny pigweed
<i>Amaranthus thunbergii</i>	-	Red pigweed
<i>Anagallis arvensis</i>	-	Scarlet pimpernel
<i>Arctotheca calendula</i>	-	Cape marigold
<i>Bidens bipinnata</i>	-	Spanish blackjack
<i>Bidens pilosa</i>	-	Blackjack
<i>Chenopodium album</i>	-	White goosefoot
<i>Chenopodium murale</i>	-	Nettle-leaved goosefoot
<i>Cleome monophylla</i>	-	Single - leaved cleome
<i>Commelina benghalensis</i>	-	Wandering Jew
<i>Conyza canadensis</i>	-	Fleabane
<i>Conyza albida</i>	-	Tall fleabane
<i>Datura ferox</i>	-	Large thorn apple
<i>Datura stramonium</i>	-	Common thorn apple
<i>Erodium moschatum</i>	-	Musk heron's bill
<i>Fallopia convolvulus</i>	-	Climbing knotweed
<i>Fumaria muralis</i>	-	Fumitory
<i>Galinsoga parviflora</i>	-	Gallant soldier
<i>Nicandra physaloides</i>	-	Apple of Peru
<i>Oenothera stricta</i>	-	Primrose
<i>Polygonum aviculare</i>	-	Prostrate knotweed
<i>Portulaca oleracea</i>	-	Purslane
<i>Raphanus raphanistrum</i>	-	Wild radish
<i>Richardia brasiliensis</i>	-	Mexican richardia
<i>Schkuhria pinnata</i>	-	Dwarf marigold
<i>Sisymbrium officinale</i>	-	Hedge wild mustard
<i>Solanum nigrum</i>	-	Black nightshade
<i>Sonchus oleraceus</i>	-	Common sow thistle
<i>Spergula arvensis</i>	-	Corn spurry
<i>Stellaria media</i>	-	Chickweed
<i>Tagetes minuta</i>	-	Tall khaki weed
<i>Urtica urens</i>	-	Bush stinging nettle

### **GRASSES**

<i>Avena fatua</i>	-	Common wild oats
<i>Bromus catharticus</i>	-	Rescue grass
<i>Chloris virgata</i>	-	Feathertop chloris
<i>Eleusine indica</i>	-	African goose grass
<i>Eragrotis teff</i>	-	Teff grass
<i>Lolium perenne</i>	-	Perennial ryegrass
<i>Lolium temulentum</i>	-	Darnel
<i>Poa annua</i>	-	Annual bluegrass
<i>Setaria pallide-fusca</i>	-	Garden bristle grass
<i>Urochloa panicoides</i>	-	Garden urochloa

### **ERRATIC CONTROL MAY BE OBTAINED OF THE FOLLOWING WEEDS:**

<i>Emex australis</i>	-	Spiny emex
<i>Tribulus terrestris</i>	-	Common dubbeltjie
<i>Digitaria sanguinalis</i>	-	Finger grass
<i>Oxalis spp.</i>	-	Sorrel
<i>Setaria verticillata</i>	-	Bur bristle grass
<i>Plantago lanceolata</i>	-	Buckhorn plantain
<i>Malva parviflora</i>	-	Small mallow

This product controls annual grasses and broad leaf weeds. Other annual weeds that were not present during the development trials with the product, may possibly also be controlled to a certain degree. The registration holder does however not accept any responsibility for unlisted weeds.

**SIMANEX 500 SC** does not control deep-rooted perennial weeds.

**WEED SPECTRUM FOR THE REDUCED RATE IN CANOLA (2,0 l / ha)**

<i>Anagallis arvensis</i>	-	Pimpernel
* <i>Emex australis</i>	-	Spiny Emex
<i>Erodium moschatum</i>	-	Musk heron's bill
<i>Fumaria muralis</i>	-	Fumitory
<i>Raphanus raphanistrum</i>	-	Wild radish

\* *Emex australis* control can be erratic

**DIRECTIONS FOR USE**

**USE ONLY AS INDICATED**

**USE RESTRICTIONS**

- DO NOT USE **SIMANEX 500 SC** ON STONE FRUIT.
- **SIMANEX 500 SC** must not be applied to apples, pears and vines within three years and citrus within one year after transplant. Prevent treatment of young implants in established vines and orchards.
- **SIMANEX 500 SC** may cause damage to crops which have a trace element deficiency or which are growing on alkaline or brackish soils.
- **SIMANEX 500 SC** must not be applied to newly established Asparagus.
- **SIMANEX 500 SC** has a relative long residual action in the soil and susceptible crops like cereals, vegetable crops and leguminous plants should not be planted within 18 months after application. However, if **SIMANEX 500 SC** is applied to triazine resistant canola in the winter rainfall region at a rate of not more than 2,0 l / ha (1,0 kg a.i / ha) and normal rainfall occurs, the waiting period on cereals can be reduced to 12 months.
- **SIMANEX 500 SC** may ONLY be used on triazine resistant canola cultivars

**COMPATIBILITY**

The compatibility of **SIMANEX 500 SC** with other products can be influenced by the formulation of those products and the quality of the dilution water. The formulation of products can change without the knowledge of Makhteshim-Agan and the water quality can differ from farm to farm. It is therefore advisable to do a compatibility test before an application takes place. **SIMANEX 500 SC** is normally compatible with glyphosate, paraquat and MCPA formulations.

**MIXING INSTRUCTIONS**

Half fill the tank with clean water. Mix the required quantity of **SIMANEX 500 SC** separately in a small volume of water and add to the spray tank while agitating. Fill the tank with water while still agitating. It is important to note that agitation should take place continuously during mixing and application. If **SIMANEX 500 SC** is used in a tank mix with products as mentioned above, the **SIMANEX 500 SC** is added first. Fill the tank nearly to capacity before the other compound is added whereafter the tank is filled to capacity. Agitation must be maintained during the filling and application process.

**APPLICATION**

**SIMANEX 500 SC** can be applied by means of any medium or high volume boomspray fitted with an efficient agitation mechanism and which is able to distribute the spray solution evenly over the target area. Flat fan nozzles which can deliver 200 l spray mixture per ha is recommended. **SIMANEX 500 SC** is absorbed mainly by the roots and not by the

leaves of weeds.. It must, therefore, be applied on a fine, firm seedbed free of clods and existing weeds. To achieve optimal results it should rain, or irrigation should take place within 7 – 10 days after application to leach the **SIMANEX 500 SC** into the soil. If there are weeds present at application, **SIMANEX 500 SC** can be applied in a tank mix with a suitable contact herbicide. It is important to wet the existing weeds thoroughly with the **SIMANEX 500 SC** and contact herbicide mixture.

**APPLICATION RATES:**

<b>CROP</b>	<b>CLAY %</b>	<b>DOSAGE ℓ / HA</b>	<b>DIRECTIONS</b>
APPLES AND PEARS (older than three years)	0 – 15 > 15	<b>Single application:</b> 4,0 ℓ 6,0 ℓ	Apply during spring and windfree soil. When weeds are present, SIMANEX 500 SC should be applied in conjunction with a suitable registered post-emergent herbicide, eg paraquat, glyphosate or MCPA as a directed spray.
	0 – 15 > 15	<b>Split application:</b> Not recommended 1 <sup>st</sup> application: 3,0 ℓ 2 <sup>nd</sup> application: 3,0 ℓ	This method will give improved late season weed control. <b>First application:</b> Apply SIMANEX 500 SC in spring to a weedfree soil <b>Second application:</b> Apply SIMANEX 500 SC as soon as weeds begin to germinate or within 3 months after the first application. Where weeds are present, SIMANEX 500 SC should be applied in conjunction with a suitable registered post-emergence herbicide as a directed spray (see single application) . Rain or irrigation is a prerequisite to leach SIMANEX 500 SC into the soil
ASPARAGUS (on established asparagus in summer rainfall areas only)	0 – 20 > 20	4,0 ℓ 6,0 ℓ	Apply as a pre-emergent overall spray immediate after the ridges have been levelled and before weeds emerge. NOTE: for optimal weed control is essential that the application should be followed by rain or irrigation within 10 – 14 days after application of SIMANEX 500 SC.
CANOLA Triazine resistant cultivars	-	2,0 ℓ / ha	Apply directly after planting on a fine, firm weedfree seedbed pre-emergence of the crop and weeds. Continuous rain or irrigation of at least 10 mm is necessary to leach the herbicide in the soil within 7 – 10 days and before weed emergence. If it does not rain within the prescribed time, and weeds start to emerge a light cultivation can be done to control the weed seedlings and to incorporate the product in the soil.

VINES (older than three years)	0 – 15 > 15	<b>Single application: Pre-bud burst application</b> (dryland and under irrigation) 4,0 ℓ 6,0 ℓ	Apply from early July to shortly before budburst to a weedfree seedbed. Where weeds are present SIMANEX 500 SC should be applied in combination with a suitable registered post-emergent herbicide, eg. Paraquat, glyphosate or MCPA.
	0 – 15 > 15	<b>Post-bud burst</b> (only trellised vines under irrigation) 4,0 ℓ 6,0 ℓ	Aimed at giving improved late season weed control. In spring, control winter weeds by applying a suitable registered post-emergent herbicide as a directed spray (see above) or by handweeding. Apply SIMANEX 500 SC as soon as weeds start germinating.
	0 – 15 > 15	<b>Split application:</b> (only trellised vines under irrigation) Not recommended 1 <sup>st</sup> application: 3,0 ℓ 2 <sup>nd</sup> application: 3,0 ℓ	This method will give improved late season weed control. <b>First application:</b> Apply SIMANEX 500 SC in spring to a weedfree soil <b>Second application:</b> Apply SIMANEX 500 SC as soon as weeds begin to germinate or within 3 months after the first application. Where weeds are present, SIMANEX 500 SC should be applied in conjunction with a suitable registered post-emergence herbicide as a directed spray (see single application).
CITRUS (older than one year)	0 – 15 > 15	4,0 ℓ 6,0 ℓ	Apply during spring and windfree soil. When weeds are present, SIMANEX 500 SC should be applied in conjunction with a suitable registered post-emergent herbicide, eg paraquat, glyphosate or MCPA as a directed spray.

**INDUSTRIAL USE:**

LOCATION	DOSAGE ℓ / HA	DIRECTIONS
Summer rainfall areas 5 – 20 % clay 21 – 30 % clay > 30 % clay	17,0 – 20,0 ℓ 20 – 25 ℓ 25 – 30 ℓ	Use the higher rate where seasonal rainfall exceeds 800 mm and on heavy soils. Should weed germination occur, rapply at half the initial rate combining this with a suitable post-emergence herbicide.
Light soils in Kwa-Zule Natal coastal area	20,0 ℓ followed by 12,0 ℓ as required	The greater the volume of SIMANEX 500 SC applied, the longer the period of weed control.
Ash and coal dust covered soils	30,0 ℓ followed by 12,0 ℓ as required	

## **WAARSKUWINGS:**

- Skadelik indien ingesluk.
- Stoor in 'n koel, droë plek en weg van voedsel, voer, saad, kunsmis en ander landbouchemikalieë.
- Hou buite bereik van kinders, oningeligte persone en diere.

**Alhoewel hierdie middel omvattend onder 'n groot verskeidenheid toestande getoets is waarborg die registrasiehouer nie dat dit onder alle toestande doeltreffend sal wees nie aangesien die werking en effek daarvan beïnvloed kan word deur faktore soos abnormale grond, klimaats- en bergingstoestande, kwaliteit van verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie en die voorkoms van weerstand van die 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.**

## **VOORSORGMATREËLS:**

- Voorkom inaseming van dampe en spuitnewel.
- Was met seep en water na gebruik.
- Was besoedelde klere na gebruik.
- Moet nie eet, drink of rook tydens vermenging of toediening of voordat hande en gesig gewas is nie.
- Geen vermenging of volmaak van spuittenks moet geskied binne 15 m vanaf riviere, damme of boorgate nie.
- Moet nie die produk binne 60 m van damme toedien nie.
- Verhoed terugvloei van die produk na boorgate, riviere of damme as dit deur die besproeiingsstelsel toegedien word.
- Voorkom dat die spuitnewel oorwaai na ander gewasse, riviere, damme of enige ander gebied wat nie behandel gaan word nie.
- Spoel die toedieningsapparaat deeglik uit en gooi die waswater weg waar dit nie riviere, damme boorgate of weiveld sal besoedel nie.
- Vermoed die besoedeling van voedsel, voer, drinkwater en eetgerei.
- Spoel die houer drie keer uit met 'n volume water gelykstaande aan ten minste 10 % van die inhoud van die houer. Gooi die spoelwater by die inhoud van die spuittenk.
- Vernietig die leë houer en moet dit vir geen ander doel gebruik nie.

## **BESTANDHEIDSWAARSKUWING:**

Simanex 500 SC is 'n groepkode C 1 onkruidodder. Enige populasie van 'n spesifieke onkruid mag individueel insluit wat 'n natuurlike weerstand teen Simanex 500 SC of enige ander groepkode C 1 onkruidodders het. Indien hierdie onkruidodders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die onkruidpopulasie oorheers. Hierdie weerstandbiedende onkruid sal waarskynlik nie deur Simanex 500 SC of enige ander groepkode C 1 onkruidodder beheer word nie. Om weerstand teen onkruidodders te vertraag:

- 1) Vermoed die eksklusiewe herhaaldelike gebruik van onkruidodders met dieselfde groepkode. Wissel af met of gebruik tenkengsels van produkte in verskillende onkruidodder groepkodes.

- 2) Integreer ander beheermaatreëls (Chemies, verbouing en biologies) in onkruidoder programme.  
Vir spesifieke inligting oor weerstandsbestuur kontak u plaaslike verspreider.

**SOMMIGE ONKRUIDE WAT NORMAALWEG DEUR SIMANEX 500 SC BEHEER WORD:**

<i>Amaranthus hybridus</i>	-	Kaapse misbredie
<i>Amaranthus spinosus</i>	-	Doringmisbredie
<i>Amaranthus thunbergii</i>	-	Rooimisbredie
<i>Anagallis arvensis</i>	-	Pimpernel
<i>Arctotheca calendula</i>	-	Soetgousblom
<i>Bidens bipinnata</i>	-	Spaanse knapsekêrel
<i>Bidens pilosa</i>	-	Gewone knapsekêrel
<i>Chenopodium album</i>	-	Withondebossie
<i>Chenopodium murale</i>	-	Muurhondebossie
<i>Cleome monophylla</i>	-	Enkelblaar cleome
<i>Commelina benghalensis</i>	-	Bengaalse commelina
<i>Conyza canadensis</i>	-	Kanadese skraalhans
<i>Conyza albida</i>	-	Vaalskraalhans
<i>Datura ferox</i>	-	Groot stinkblaar
<i>Datura stramonium</i>	-	Gewone stinkblaar
<i>Erodium moschantum</i>	-	Turknael
<i>Fallopia convolvulus</i>	-	Wilde bokwiet
<i>Fumaria muralis</i>	-	Duiwekerwel
<i>Galingsoga parviflora</i>	-	Knopkruid
<i>Nicandra physaloides</i>	-	Basterappelliefie
<i>Oenothera stricta</i>	-	Nagblom
<i>Polygonum aviculare</i>	-	Voëlduisendknoop
<i>Portulaca oleracea</i>	-	Gewone porslein
<i>Raphanus raphanistrum</i>	-	Ramenas
<i>Richardia brasiliensis</i>	-	Meksikaanse richardia
<i>Schkuhria pinnata</i>	-	Kleinkakiebos
<i>Sisymbrium officinale</i>	-	Wilde mosterd
<i>Solanum nigrum</i>	-	Nastergal
<i>Sonchus oleraceus</i>	-	Gewone sydissel
<i>Spergula arvensis</i>	-	Sporrie
<i>Stellaria media</i>	-	Gewone sterremuur
<i>Tagetes minuta</i>	-	Langkakiebos
<i>Urtica urens</i>	-	Bosbrandnetel

**GRASSE**

<i>Avena fatua</i>	-	Gewone wildehawer
<i>Bromus catharticus</i>	-	Reddingsgras
<i>Chloris virgata</i>	-	Witpluim - chloris
<i>Eleusine indica</i>	-	Jongosgras
<i>Eragrotis teff</i>	-	Tefgras
<i>Lolium perenne</i>	-	Meerjarige raaigras
<i>Lolium temulentum</i>	-	Drabok
<i>Poa annua</i>	-	Eenjarige blougras
<i>Setaria pallide-fusca</i>	-	Rooisaadgras
<i>Urochloa panicoides</i>	-	Tuin urochloa

## WISSELVALLIGE BEHEER VAN DIE VOLGENDE ONKRUIDSOORTE KAN VERKRY WORD

<i>Emex australis</i>	-	Emex dubbeltjie
<i>Tribulus terrestris</i>	-	Gewone dubbeltjie
<i>Digitaria sanguinalis</i>	-	Kruisvingergras
<i>Oxalis spp.</i>	-	Suring
<i>Setaria verticillata</i>	-	Klitssetaria
<i>Plantago lanceolata</i>	-	Tongblaar
<i>Malva parviflora</i>	-	Kiesieblaar

**SIMANEX 500 SC** sal nie diepgewortelde meerjarige onkruidsoorte beheer nie.

Hierdie produk beheer eenjarige grasse en breëblaar-onkruid. Ander eenjarige onkruid wat nie tydens die ontwikkelingsproewe met die middel voorgekom het nie, kan ook moontlik in 'n mindere of meerdere mate beheer word. Die registrasiehouer aanvaar egter geen aanspreeklikheid ten opsigte van ongelyste onkruid nie.

## ONKRUIDSPEKTRUM VIR DIE VERLAAGDE TOEDIENINGSHOEVEELHEID IN KANOLA (2,0 l / ha)

<i>Anagallis arvensis</i>	-	Pimpernel
* <i>Emex australis</i>	-	Kaapse dubbeltjie
<i>Erodium moschatum</i>	-	Turknael
<i>Fumaria muralis</i>	-	Duiwekerwel
<i>Raphanus raphanistrum</i>	-	Ramenas

\* *Emex australis* beheer mag wisselvallig wees

## GEBRUIKSAANWYSINGS GEBRUIK SLEGS SOOS AANGEDUI

### GEBRUIKSBEPERKINGS

- **SIMANEX 500 SC** MOET NIE OP STEENVRUGTE GEBRUIK WORD NIE.
- **SIMANEX 500 SC** moet nie op wingerde, appel of peerbome binne drie jaar en sitrus een jaar na uitplant toegedien word nie. Voorkom die behandeling van jong inplantings in gevestigde wingerde en boorde.
- **SIMANEX 500 SC** mag skade aan gewasse veroorsaak wat aan 'n spoorelementtekort ly of wat op alkaliese of brakgronde groei.
- **SIMANEX 500 SC** moet nie op nuutgeplante aspersies toegedien word nie.
- **SIMANEX 500 SC** het 'n relatief lang nawerking in die grond en gevoelige gewasse soos kleingraan, groentegewasse en peulgewasse moet nie binne 18 maande na toediening daarvan geplant word nie. Indien **SIMANEX 500 SC** in triasien bestande kanola variëteite in die Winterreinterreënvalgebied toegedien word teen nie meer as 2,0 l / ha (1 kg a.b/ha) en normale reënval vind plaas kan die wagperiode vir die aanplanting van kleingraan na 12 maande verminder word.
- **SIMANEX 500 SC** mag ALLEENLIK in triasienbestande kanola cultivars gebruik word

### VERENIGBAARHEID:

**SIMANEX 500 SC** se verenigbaarheid met ander produkte kan beïnvloed word deur die formulering van daardie produkte en die kwaliteit van die water. Die formulering van ander produkte kan verander sonder die medewete van Makhteshim-Agan en die kwaliteit van water kan van plaas tot plaas verskil. Daarom moet 'n verenigbaarheidstoets uitgevoer

word voordat die bespuiting plaasvind. **SIMANEX 500 SC** is normaalweg verenigbaar met glifosaat, parakwat en MCPA formulasies.

#### **MENGINSTRUKSIES:**

Maak die tenk halfvol met water. Meng die benodigde hoeveelheid **SIMANEX 500 SC** apart in 'n klein hoeveelheid water en voeg in die tenk terwyl geroer word. Vul die tenk met water. Dit is belangrik om daarop te let dat roering aanhoudend moet plaasvind tydens vulling en toediening. Indien **SIMANEX 500 SC** in 'n tenkmengsel met middels soos hier bo genoem, gebruik word, moet die **SIMANEX 500 SC** eerste in die tenk gevoeg word, die tenk daarna tot amper op die merk gevul word waarna die ander middel bygevoeg en die tenk met water gevul word. Aanhoudende roering moet gedurende die proses van vulling, vermenging en toediening plaasvind.

#### **TOEDIENING:**

**SIMANEX 500 SC** kan met enige medium- of hoë volume balkspuit, toegerus met 'n doeltreffende roermeganisme en wat in staat is om die spuitmengsel eweredig oor die teikenoppervlak te versprei, toegedien word. Dit word aanbeveel dat van platwaaierspuitpunte gebruik gemaak word wat in staat is om minstens 200 ℓ water per ha te kan lewer.

**SIMANEX 500 SC** word hoofsaaklik deur die wortels van onkruid en nie deur die blare opgeneem nie. Dit is belangrik dat **SIMANEX 500 SC** op 'n onkruidvrye saadbed wat fyn en ferm en sonder kluite is, toegedien word. Vir optimale beheer moet dit binne 7 – 10 dae na toediening reën of besproei word om die **SIMANEX 500 SC** in die grond te loog.

Waar onkruid alreeds op is tydens toediening kan **SIMANEX 500 SC** in 'n tenkmengsel met 'n geskikte kontakmiddel toegedien word. Deeglike benatting van die bestaande onkruid moet verkry word.

#### **TOEDIENINGSHOEVEELHEDE:**

<b>GEWAS</b>	<b>% KLEI</b>	<b>DOSIS ℓ HA</b>	<b>GEBRUIKSAANWYSINGS</b>
<b>APPELS EN PERE</b> (ouer as 3 jaar)	0 – 15 > 15	<b>Enkeltoediening:</b> 4,0 ℓ 6,0 ℓ	Dien <b>SIMANEX 500 SC</b> in die lente op onkruidvrye grond toe. Indien onkruid aanwesig is, moet <b>SIMANEX 500 SC</b> tesame met 'n geskikte na-opkom onkruiddoder bv parakwat, glifosaat of MCPA as gerigte bespuiting in 'n tenkmengsel toegedien word.
	0 – 15 > 15	<b>Deeltoediening:</b> Nie aanbeveel 1ste toediening: 3,0 ℓ 2de toediening: 3,0 ℓ	Verbeterde laatseisoen onkruidbeheer kan met die metode verkry word <b>Eerste toediening:</b> Dien <b>SIMANEX 500 SC</b> in die lente op onkruidvrye grond toe <b>Tweede toediening:</b> Dien <b>SIMANEX 500 SC</b> toe sodra onkruid begin ontkiem of nie langer as drie maande na die eerste toediening nie. Indien onkruid aanwesig is, moet <b>SIMANEX 500 SC</b> saam met 'n geskikte na-opkom onkruiddoder as 'n gerigte bespuiting toegedien word (sien bo). Reën of 'n ligte besproeiing is nodig om <b>SIMANEX 500 SC</b> in die grond in te loog.

ASPERSIES (slegs in somerreënvalgebiede op gevestigde aspersies)	0 – 20 > 20	4,0 ℓ 6,0 ℓ	Dien toe as 'n algehele vooropkombespuiting onmiddelik nadat die walle gelyk gesleep is en voor onkruid opkom. LET WEL: vir optimale onkruidbheer is dit noodsaaklik dat dit binne 10 – 14 dae reën of besproei word na 'n SIMANEX 500 SC toediening
WINGERD (ouer as drie jaar)	0 – 15 > 15  0 – 15 > 15  0 – 15 > 15	<b>Enkeltoediening:</b> <b>Bespuiting voor bot</b> (droëland en onder besproeiing) 4,0 ℓ 6,0 ℓ  <b>Bespuiting na bot</b> (slegs opgeleide wingerd onder besproeiing) 4,0 ℓ 6,0 ℓ  <b>Deeltoediening:</b> Nie aanbeveel 1ste toediening: 3,0 ℓ 2de toediening: 3,0 ℓ	Dien SIMANEX 500 SC vanaf Julie tot voor bot op onkruidvrye grond toe. Indien onkruid aanwesig is, moet SIMANEX 500 SC saam met geskikte na-opkom onkruidododer soos bv parakwat, glifosaat of MCPA as 'n gerigte bespuiting toegedien word.  Verbeterde laatseisoen onkruidbeheer kan met die metode verkry word. Beheer winteronkruid in die lente deur gebruik te maak van 'n geregistreerde na-opkom onkruidododer as 'n gerigte bespuiting of deur middel van handskoffel. Dien SIMANEX 500 SC toe sodra onkruid begin ontkiem.  Verbeterde laatseisoen onkruidbeheer kan met die metode verkry word <b>Eerste toediening:</b> Dien SIMANEX 500 SC in die lente op onkruidvrye grond toe <b>Tweede toediening:</b> Dien SIMANEX 500 SC toe sodra onkruid begin ontkiem of nie langer as drie maande na die eerste toediening nie. Indien onkruid aanwesig is, moet SIMANEX 500 SC saam met 'n geskikte na-opkom onkruidododer as 'n gerigte bespuiting toegedien word (sien bo).
KANOLA ALLEENLIK Triasien bestande kultivars	-	2,0 ℓ / ha	Dien direk na plant op 'n fyn, ferm eweredige saadbed toe voor die gews en die onkruid opgekom het. Aanhoudende reën of besproeiing van ten minste 10 mm is binne 7 – 10 dae nodig om die middel in die grond in te loog. Sien onkruidspektrum vir verlaagde toedieningshoeveelhede
SITRUS (ouer as een jaar)	0 – 15 > 15	4,0 ℓ 6,0 ℓ	Dien op onkruidvrye grond toe voordat die onkruid ontkiem – besproei liggies sodat die SIMANEX 500 SC in die boonste grondlaag kan inloog. Indien onkruid aanwesig is tydens toediening moet SIMANEX 500 SC met 'n geskikte na- opkom onkruidododer bv parakwat, glifosaat of MCPA as 'n gerigte bespuiting toegedien

INDUSTRIËLE GEBRUIK:

AANWYSING	DOSIS ℓ / HA	GEBRUIKSAANWYSING
<p>Somer reënvalgebiede                      5 – 20 % klei                      21 – 30 % klei                      &gt; 30 % klei</p>	<p>17,0 – 20,0 ℓ                      20 – 25 ℓ                      25 – 30 ℓ</p>	<p>Gebruik hoër dosis waar die jaarlikse reënval 800 mm oorsry, en op swaarder gronde. Wanneer onkruid herontkieming voorkom moet 'n hertoediening gedoen word teen die helfte van die oorspronklike dosis in kombinasie met 'n geskikte na-opkom onkruiddoder.</p>
<p>Ligte grond in Kwa-Zulu Natal kusgebied</p>	<p>20,0 ℓ opgevolg met 12,0 ℓ soos nodig</p>	
<p>As- en steenkoolstofbedekte grond</p>	<p>30,0 ℓ opgevolg met 12,0 ℓ soos nodig</p>	<p>Wanneer SIMANEX 500 SC alleen toegedien word moet dit geskied voordat ontkieming plaasvind net voor die reënvalsiesoen</p>