



# TYLSIMEX 500 SC

Reg. no. L6805 Act/Wet 36 of/van 1947

A suspension concentrate pre-emergence herbicide for the control of a variety of annual broadleaf weeds and certain grasses in apples, citrus, vines and triazine-resistant canola cultivars. 'n Suspensiekonsentraat vooropkomsonkruid-doder vir die beheer van 'n verskeidenheid eenjarige breëblaaronkruiden en sekere grasse in appels, sitrus, wingerde en triasien-bestande kanolakultivars.

**HRAC HERBICIDE GROUP CODE**                      **C1**                      **HRAC ONKRUIDDODER GROEPKODE**

## ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL

Terbutylazine (triazine) and related active triazines .....	287 g/l	Terbutilasien (triasien) ..... en verwante aktiewe triasien
Simazine (triazine) and related active triazines .....	213 g/l	Simasien (triasien) ..... en verwante aktiewe triasien

## NET VOLUME/NETTO VOLUME

..... ℓ

## REGISTRATION HOLDER/REGISTRASIEHOUER

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**TYLSIMEX is a trademark of a company of the ADAMA Group.**  
**TYLSIMEX is 'n handelsmerk van 'n maatskappy van die ADAMA Groep.**

## CONTACT IN EMERGENCY/KONTAK IN NOOD

Griffon Poison Information Centre: +27 82 446 8946

Batch number .....

Date of Manufacture .....

Lotnommer

Datum van Vervaardiging

UN no.: 3082



**CAUTION  
VERSIGTIG**



## WARNINGS

- Harmful if swallowed.
- May cause eye and skin irritation.
- Store in a cool place away from food, feed, seed and other agricultural remedies.
- Store out of reach of children, uninformed persons and animals.
- Toxic to fish.

**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 the 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 concerned due to failure of the user to follow label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.**

## PRECAUTIONS

- Do not eat, drink or smoke during mixing or application of the product or before washing hands and face.
- Avoid contamination of food, feed, drinking water and eating utensils.
- Avoid inhalation of spray mist.
- Wear eye protection (face shield) and rubber gloves when handling the concentrate.
- Wash yourself as well as contaminated clothing with soap and water after use.
- Avoid spray drift onto other crops, grazing, rivers, dams or any other area not under treatment.
- Clean applicator thoroughly after use.
- Rinse water should not be allowed to contaminate crops, grazing rivers and dams.
- Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the empty container three times with a volume of water equal to a minimum of 10 % of that of the container. Add the rinsate to the contents of the spray tank.
- Destroy the empty container and do not use it for any other purpose.

## RESISTANCE WARNING

For resistance management **TYLSIMEX 500 SC** is a group code C1 herbicide. Any weed population may contain individuals naturally resistant to **TYLSIMEX 500 SC** and other group code C1 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **TYLSIMEX 500 SC** or any other group code C1 herbicides. 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 codes.
- Integrate control methods (chemical, cultural and biological) into weed control programs.

- For specific information on resistance management contact your local distributor.

## USE RESTRICTIONS

- Do not apply **TYLSIMEX 500 SC** in pears or stone fruit.
- Do not apply **TYLSIMEX 500 SC** in apple trees, citrus trees or vines within one year after transplant. Avoid application to young implants in established orchards and vineyards.
- Do not apply **TYLSIMEX 500 SC** in apple trees, citrus or vineyards which have a micro-nutrient deficiency or which are growing on brackish soils.
- Do not apply **TYLSIMEX 500 SC** to alkaline soils or soils that are susceptible to water logging.
- **TYLSIMEX 500 SC** has relatively long persistence in the soil. Susceptible crops such as vegetables, legumes and winter cereals should not be planted in soils less than 18 months after an application of **TYLSIMEX 500 SC**.
- If a dosage rate of 2,0 l **TYLSIMEX 500 SC** is not exceeded (1,0 kg a.i. total triazines) and at least normal rainfall has occurred during the planting season, the waiting period between the application and planting of cereals in the Winter Rainfall Region can be reduced to 12 months.
- **TYLSIMEX 500 SC** may ONLY be applied to triazine-resistant canola cultivars for the control of mainly broad leaf weeds. **Contact an approved ADAMA advisor before applying TYLSIMEX 500 SC and SULTAN® 50 SC to canola.**
- If **TYLSIMEX 500 SC** is used in a tank-mix with GLYPHOGAN® 360 SL (Reg. no. L5393), **SULTAN® 50 SC** (Reg. no. L6892) or any other herbicide, the use restrictions of the other herbicide must be adhered to.

## DIRECTIONS FOR USE

**Use only as indicated.**

### Compatibility

**TYLSIMEX 500 SC** is compatible with GLYPHOGAN® 360 SL (Reg. no. L5393) and SULTAN® 50 SC (Reg. no. L6892). The compatibility with other products can, however, be affected by the formulation thereof as well as the quality of the dilution water. As the formulation of other products can change without the knowledge of the registration holder and because water quality can change from farm to farm, the registration holder cannot accept any responsibility of the compatibility of **TYLSIMEX 500 SC** with products that does not appear on the label. It is therefore recommended that a physical compatibility test is done prior to application.

### Mixing instructions

**Note: Shake thoroughly before use. Replace screw cap after use.**

Half fill the spray tank with clean water and start agitation. Add the required amount of **TYLSIMEX 500 SC** through a 50 mesh sieve. Top up the tank to the required volume. Ensure continuous agitation while filling the tank. When **TYLSIMEX 500 SC** is used in a tank-mix with GLYPHOGAN® 360 SL, the **TYLSIMEX 500 SC** should be added to the spray tank last. When SULTAN® 50 SC is used in a tank mixture with **TYLSIMEX 500 SC** the **TYLSIMEX 500 SC** must be added first. The spray tank is then filled almost to capacity before the SULTAN® 50 SC is added to the spray tank. Ensure continuous agitation during filling and application.

## APPLICATION

**TYLSIMEX 500 SC** can be applied with any medium or high volume spray applicator that is fitted with an effective agitation system. Care should be taken that the spray mixture is distributed evenly over the target area. To achieve this, the sprayer should be fitted with flat fan nozzles and calibrated to deliver at least 200 l spray mixture/ha.

The seedbed must be even, fine without clods and free of any excessive rests or any existing weed growth.

**TYLSIMEX 500 SC** is mainly taken up by the roots of weed seedlings and has little or no effect on established weeds. Rain or irrigation of at least 10 mm is necessary to leach **TYLSIMEX 500 SC** into the soil. Where weeds have already emerged, they should be controlled by cultivation or by the application of a suitable post-emergence herbicide. If weeds are already present at application, **TYLSIMEX 500 SC** can be used in a tank-mixture with GLYPHOGAN® 360 SL or a suitable post-emergence herbicide.

## APPLICATION RATES

CROP AND TARGET	DOSAGE	REMARKS
<b>Apples</b>	4,7 l/ha	Apply in spring as a pre-emergence application.
<b>Canola</b> (Triazine-resistant cultivars ONLY)	2,0 l + 250 ml SULTAN® 50 SC/ha	Apply pre-emergence of weeds just after sowing when rain is expected. Continuous rain or irrigation of at least 10 mm is necessary to leach the <b>TYLSIMEX 500 SC</b> and <b>SULTAN® 50 SC</b> into the soil.  <b>Contact an approved ADAMA advisor before applying TYLSIMEX 500 SC and SULTAN® 50 SC to canola.</b>
<b>Citrus</b>	4,7 l/ha	Apply in spring as a pre-emergence treatment.
<b>Vines</b>	<b>Dry land and irrigated bush vines</b> 4,7 l/ha  <b>Irrigated and trellised vines</b> 4,7 l/ha	Apply as a pre-emergence application before bud burst. For the improved and extended control of annual grasses and especially <i>Digitaria sanguinalis</i> , 500 ml/ha <b>SULTAN® 50 SC</b> can be tank mixed with <b>TYLSIMEX 500 SC</b> .  Apply as a pre-emergence application in spring. For the improved and extended control of annual grasses and especially <i>Digitaria sanguinalis</i> , 500 ml/ha <b>SULTAN® 50 SC</b> can be tank mixed with <b>TYLSIMEX 500 SC</b> .

Where band applications are done, application rates should be reduced accordingly.

## WAARSKUWINGS

- Skadelik indien ingesluk.
- Mag oog- en velirritasie veroorsaak.
- Stoor in 'n koel plek weg van voedsel, voer, saad en ander landboumiddels.
- Hou buite bereik van kinders, oningeligte persone en diere.
- Giftig vir visse.

**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.**

## VOORSORGMAATREËLS

- Moet nie eet, drink of rook tydens vermenging en toediening of voordat hande en gesig gewas is nie.
- Voorkom kontaminasie van voedsel, voer, drinkwater en eetgerei.
- Voorkom inaseming van spuitnewel.
- Dra oogbeskerming (gesigskerm) en rubberhandskoene wanneer konsentraat hanteer word.
- Was uself met seep en water na gebruik asook gekontamineerde klere.
- Voorkom spuitstofwegdrywing na ander gewasse, weiveld, riviere, damme en gebiede wat nie onder behandeling is nie.
- Maak toedieningsapparaat deeglik skoon na gebruik.
- Gooi uitspoelwater waar dit nie gewasse, weiveld, riviere en damme sal besoedel nie.
- Keer die leë houer om oor die spuit- of mengtenk en dreineer vir minstens 30 sekondes nadat die vloeï tot 'n gedrup verminder het. Spoel die houer daarna drie keer uit met 'n volume water gelykstaande aan 'n minimum van 10 % van die inhoud van die houer. Gooi die spoelwater by die inhoud van die spuittenk.
- Vernietig die leë houer en moet dit nie vir enige ander doel gebruik nie.

## WEERSTANDSWAARSKUWING

**TYLSIMEX 500 SC** is 'n groepkode C1 onkruidodder. Enige populasie van 'n spesifieke onkruid mag individue insluit wat 'n natuurlike weerstand teen **TYLSIMEX 500 SC** of enige ander groepkode C1 onkruidodders het. Indien hierdie onkruidodders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die onkruidpopulasie oorheers. Hierdie weerstandbiedende onkruid sal waarskynlik nie deur **TYLSIMEX 500 SC** of enige ander groepkode C1 onkruidodder beheer word nie. Om weerstand teen onkruidodders te vertraag:

- Vermoed die eksklusiewe herhaaldelike gebruik van onkruidodders met dieselfde groeikode. Wissel af met of gebruik tenkmengsels van produkte in verskillende onkruidodder groeikodes.
- Integreer ander beheermaatreëls (chemies, verbouing en biologies) in onkruidodder programme.
- Vir spesifieke inligting oor weerstandsbestuur kontak u plaaslike verspreider.

## GEBRUIKSBEPERKINGS

- Moet nie **TYLSIMEX 500 SC** toedien in steenvrugte of pere nie.
- Moet nie **TYLSIMEX 500 SC** toedien in appelbome, wingerde en sitrus binne een jaar na uitplant nie. Moet nie jong inplantings in gevestigde wingerde en boorde behandel nie.
- Moet nie **TYLSIMEX 500 SC** toedien in appelbome, sitrus of wingerde met 'n spoorelementtekort of wat op brakgronde groei nie.
- Moet nie **TYLSIMEX 500 SC** toedien op alkaliese gronde en/of gronde wat aan versuip-toestande onderhewig is nie.
- **TYLSIMEX 500 SC** het 'n relatiewe lang nawerking in die grond en gevoelige gewasse soos groente, peulplante en kleingraan moet nie geplant word op gronde wat minder as 18 maande gelede daarmee behandel is nie.
- Indien 'n toedieningshoeveelheid van 2,0 l **TYLSIMEX 500 SC** nie oorskry word nie (1,0 kg a.i totale triasie) en ten minste 'n normale reënval voorgekom het gedurende die groeiseisoen, mag die wagperiode tussen die laaste toediening en die plant van kleingraan in die Winterreënvalgebied verminder word na 12 maande.
- **TYLSIMEX 500 SC** mag ALLEENLIK op triasie-bestande kanola-kultivars toegedien word vir die hoofsaaklike beheer van breëblaaronkruid. **Kontak 'n goedgekeurde ADAMA-adviseur voor die toediening van TYLSIMEX 500 SC en SULTAN® 50 SC op kanola.**
- Indien **TYLSIMEX 500 SC** in 'n tenkmengsel met GLYPHOGAN® 360 SL (Reg. no. L5393), SULTAN® 50 SC (Reg. no. L6892) of enige ander onkruidodder toegedien word, moet die gebruiksbepelings van daardie middels in ag geneem word.

## GEBRUIKSAANWYSINGS

**Gebruik slegs soos aangedui.**

### Verenigbaarheid

**TYLSIMEX 500 SC** is verenigbaar met GLYPHOGAN® 360 SL (Reg. no. L5393) en SULTAN® 50 SC (Reg. no. L 6892). Die verenigbaarheid van **TYLSIMEX 500 SC** met ander produkte kan egter beïnvloed word deur die formulering van die betrokke produkte asook deur die kwaliteit van die verdunningswater. Aangesien die formulering van ander produkte kan verander sonder die medewete van die registrasiehouer en die kwaliteit van verdunningswater van plaas tot plaas kan verskil, kan die registrasiehouer geen verantwoordelikheid aanvaar vir die verenigbaarheid van **TYLSIMEX 500 SC** met produkte wat nie op die etiket aangedui is nie. Gevolglik word aanbeveel dat 'n fisiese verenigbaarheidstoets met sulke produkte uitgevoer word voordat toediening begin.

### Menginstruksies

**Nota: Skud goed voor gebruik. Plaas skroefdop terug na gebruik.**

Maak die spuitnek halfvol met skoon water en skakel die roermeganisme aan. Voeg die benodigde hoeveelheid **TYLSIMEX 500 SC** deur 'n 50 maas sif by terwyl geroer word. Vul die tenk verder met water terwyl geroer word. Wanneer **TYLSIMEX 500 SC** in 'n tenkmengsel met GLYPHOGAN® 360 SL gebruik word, moet **TYLSIMEX 500 SC** laaste bygevoeg word. Wanneer SULTAN® 50 SC in 'n

tenkmengsel met **TYLSIMEX 500 SC** gebruik word moet die **TYLSIMEX 500 SC** eerste bygevoeg word. Die spuittenk word dan amper tot bo volgemaak voordat die SULTAN® 50 SC in die spuittenk bygevoeg word. Verseker dat die spuitmengsel aanhoudend geroer word tydens vulling en toediening.

## Toediening

**TYLSIMEX 500 SC** kan met enige medium- of hoëvolume spuitapparaat wat met 'n doeltreffende roermeganisme toegerus is, toegedien word. Verseker dat die spuitmengsel eweredig oor die teikengebied versprei word. Die beste resultate word normaalweg verkry deur gebruik te maak van platwaaerspuitpunte en 'n spuitvolume van ten minste 200 ℓ/ha. Die saadbed moet gelyk, fyn, sonder kluite en sonder oormatige plantreste en bestaande onkruid wees.

**TYLSIMEX 500 SC** word hoofsaaklik opgeneem deur die wortels van onkruidsaailinge en het min of geen effek op gevestigde onkruid nie. Aanhoudende reën of besproeiing van ten minste 10 mm is nodig om die **TYLSIMEX 500 SC** in die grond in te loog. Waar onkruid alreeds opgekom het, moet dit eers vernietig word met 'n skoffelbewerking of deur middel van toediening van 'n geskikte na-opkomonkruiddoder. Indien onkruid alreeds teenwoordig is tydens toediening, kan **TYLSIMEX 500 SC** in 'n tenkmengsel saam met GLYPHOGAN® 360 SL of 'n ander geskikte kontakonkruiddoder toegedien word.

## TOEDIENINGSHOEVEELHEDE

GEWAS EN TEIKEN	DOSIS	OPMERKINGS
<b>Appels</b>	4,7 ℓ/ha	Dien in die lente as 'n vooropkomsbehandeling toe.
<b>Kanola</b> (ALLEENLIK triasien-weerstandige kultivars)	2,0 ℓ + 250 ml SULTAN® 50 SC/ha	Dien voor opkoms van onkruid net na plant toe as reën verwag word. Aanhoudende reën of besproeiing van ten minste 10 mm is nodig om die <b>TYLSIMEX 500 SC</b> en die SULTAN® 50 SC in die grond te loog.  <b>Kontak 'n goedgekeurde ADAMA-adviseur voor die toediening van TYLSIMEX 500 SC en SULTAN® 50 SC op kanola.</b>
<b>Sitrus</b>	4,7 ℓ/ha	Dien in die lente as 'n vooropkomsbehandeling toe.
<b>Wingerd</b>	<b>Droë land en besproeide bosstokke</b> 4,7 ℓ/ha  <b>Besproeide en opgeleide wingerd</b> 4,7 ℓ/ha	Dien as 'n vooropkom-toediening voor bot toe. Vir verbeterde en verlengde beheer van eenjarige grasse, veral <i>Digitaria sanguinalis</i> , kan SULTAN® 50 SC teen 500 ml/ha in 'n tenkmengsel met <b>TYLSIMEX 500 SC</b> gebruik word.  Dien as 'n vooropkom-toediening in die vroeë lente toe. Vir verbeterde en verlengde beheer van eenjarige grasse, veral <i>Digitaria sanguinalis</i> , kan SULTAN® 50 SC teen 500 ml/ha in 'n tenkmengsel met <b>TYLSIMEX 500 SC</b> gebruik word.

Indien strookbespuitings gedoen word, moet toedieningshoeveelhede ooreenkomstig verminder word.

## WEEDS CONTROLLED/ONKRUIDE BEHEER

### Broadleaf weeds/Breëblaaronkruid

BOTANICAL NAME/ BOTANIESE NAAM	COMMON NAME	GEWONE NAAM
<i>Acanthospermum australe</i>	Eight-seeded prostrate starbur	Agtsadige kruipsterklits
<i>Acanthospermum hispidum</i>	Upright starbur	Regopsterklits
<i>Amaranthus hybridus</i>	Cape pigweed	Kaapse misbredie
<i>Amaranthus spinosus</i>	Thorny pigweed	Doringmisbredie
<i>Amaranthus thunbergii</i>	Red pigweed	Rooimisbredie
<i>Anagallis arvensis</i>	Pimpernel	Pimpernel
<i>Arctotheca calendula</i>	Cape marigold	Soetgousblom
<i>Bidens bipinnata</i>	Spanish black jack	Spaanse knapsekêrel
<i>Bidens pilosa</i>	Black jack	Knapsekêrel
<i>Chenopodium album</i>	White goosefoot	Withondebossie
<i>Chenopodium carinatum</i>	Green goosefoot	Groen hondebossie
<i>Conyza floribunda</i>	Tall fleabane	Vaalskraalhans
<i>Conyza canadensis</i>	Horseweed fleabane	Kanadese skraalhans
<i>Datura ferox</i>	Large thorn apple	Grootstinkblaar
<i>Datura stramonium</i>	Thorn apple	Stinkblaar
<i>Emex australis</i>	Spiny Emex	Kaapse dubbeltjie
<i>Fumaria muralis</i>	Fumitory	Duiwekerwel
<i>Erodium moschatum</i>	Musk heron's bill	Turknael
<i>Galingsoga parviflora</i>	Gallant soldier	Knopkruid
<i>Oenothera stricta</i>	Evening primrose	Aandblom
<i>Portulaca oleracea</i>	Purslane	Porslein
<i>Raphanus raphanistrum</i>	Wild radish	Ramenas
<i>Schkuhria pinnata</i>	Dwarf marigold	Kleinkakiebos
<i>Sonchus oleraceus</i>	Sowthistle	Sydissel
<i>Stellaria media</i>	Chickweed	Sterremuur
<i>Tagetes minuta</i>	Khaki weed	Kakiebos



**Grasses/Grasse**

<b>BOTANICAL NAME/ BOTANIESE NAAM</b>	<b>COMMON NAME</b>	<b>GEWONE NAAM</b>
<i>Avena fatua</i>	Common wild oats	Gewone wildehawer
<i>Bromus unioloides</i>	Rescue grass	Reddingsgras
<i>Chloris virgata</i>	Feathertop Chloris	Witpluimchloris
<i>Digitaria sanguinalis</i>	Crab finger-grass	Kruisvingergras
<i>Eleusine indica</i>	Goosegrass	Jongosgras
<i>Eragrostis teff</i>	Teffgrass	Tef
<i>Lolium temulentum</i>	Darnel (ryegrass)	Drabok (raaigras)
<i>Setaria pallide-fusca</i>	Red bristle grass	Rooi borselgras
<i>Urochloa panicoides</i>	Herringbone grass	Beesgras