

## WARNINGS:

**Hazard Statements:** May be harmful if swallowed. May be harmful in contact with skin. Toxic if inhaled. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects.

- **Re-entry Interval:** Do not enter treated area within 1 day after treatment unless wearing protective clothing.
- **In case of poisoning call a physician and make this label available to him/her.**

**Aerial Application Warning:** Notify all inhabitants in the immediate vicinity of the area to be sprayed and issue the necessary warnings. Do not spray over or allow the drift to contaminate water or adjacent areas.

## DISCLAIMER:

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 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.

## PRECAUTIONS:

### Precautionary Statements

**Prevention:** Do not breathe vapours, spray. Use only outdoors or in a well-ventilated area. Avoid release to the environment.

**Response:** IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. Get medical advice/attention if you feel unwell. Collect spillage.

**Storage:** Store in a well-ventilated place. Keep container tightly closed. Store locked up.

**Disposal:** Dispose of contents and container to an approved waste disposal plant.

- Avoid drift of spray onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean applicator before using with other materials. Dispose of wash water where it will not contaminate food, grazing, rivers or dams.
- **TRIPLE RINSE the empty container as follows:** Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container *three times in succession* with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler ([www.cprolife.co.za](http://www.cprolife.co.za)). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.
- Destroy empty container by perforation and flattening and dispose of it in a safe way.
- Never re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

## RELEVANT SUBSTANCES:

NAME	PRODUCT IDENTIFIER
Terbuthylazine TC	CAS-No.: 5915-41-3
Monoethylene glycol	CAS-No.: 107-21-1

## RESISTANCE WARNING:

For resistance management, **TERBUTHYLAZINE 500 SC** is a group code 5 herbicide. Any weed population may contain individuals naturally resistant to **TERBUTHYLAZINE 500 SC** and other group code 5 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **TERBUTHYLAZINE 500 SC** or any other group code 5 herbicide.

To delay weed resistance:

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

For specific information on resistance management contact the registration holder of this product.

# TERBUTHYLAZINE 500 SC

Reg. No. / Nr L9328 Act No. 36 of 1947/ Wet Nr 36 van 1947

HERBICIDE



**READ THE LABEL AND ATTACHED PACKAGED LEAFLET BEFORE USE  
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

HRAC HERBICIDE GROUP CODE:

5

HRAC ONKRUIDDODER GROEP KODE:

A pre-emergence suspension concentrate herbicide for the control of a broad spectrum of annual weeds in apples, vines and citrus and post-emergence control of broadleaf weeds in maize as well as for the prevention of weed growth on industrial sites and other non-crop areas.

'n Voor-opkoms suspensie konsentraat onkruidodder vir die beheer van 'n breë spektrum eenjarige onkruid in appels, wingerd en sitrus sowel as vir die na-opkoms beheer van breëblaaronkruid in mielies en die voorkoming van onkruidgroei op industriële gebiede en grond wat nie vir landbou gebruik word nie.

### ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

Terbuthylazine/ (triazine) .....488 g/ℓ..... Terbutilasien (triasien)  
Other triazines .....12 g/ℓ..... Ander triasiene



**DANGER**

#### Hazard Statements:

May be harmful if swallowed.  
May be harmful in contact with skin.  
Toxic if inhaled.  
May cause damage to organs through prolonged or repeated exposure.  
Very toxic to aquatic life with long lasting effects.

#### Precautionary Statements:

Do not breathe vapours, spray.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Call a poison center or doctor if you feel unwell.

Batch No:

D.O.M:

D.O.E:

Net Mass:

See reverse of drum for details.

FOR FULL PARTICULARS SEE ATTACHED PAMPHLET.  
VIR VOLLEDIGE BESONDERHEDE KYK AANGEHEGTE ETIKET.

UN No. / VR Nr: 3082



REGISTRATION HOLDER/ REGISTRASIEHOUER  
Cedar Falls Properties 130 (Pty) Ltd.  
Reg. No. / Nr. 2006/031383/07  
61 Marshall Drive, Old Mill Industrial Park,  
Mount Edgecombe.  
Tel: (031) 003 3486

Poison Information Helpline (24 hrs): 0861 555 777



**BARCODE**

100764

165(H) x 140(W) mm

CYAN

MAG

YEL

BLK

100301

**MODE OF ACTION:**

Selective, systemic herbicide, absorbed primarily by roots, but also by foliage, translocated acropetally in the xylem and accumulating in the apical meristems and leaves.

**USE RESTRICTIONS**

- Do not apply **TERBUTHYLAZINE 500 SC** to pear or stone fruit trees.
- Do not apply **TERBUTHYLAZINE 500 SC** to vines, citrus or apple trees within one year after transplanting. Avoid treatment of young interplants in established vineyards and orchards.
- Do not apply **TERBUTHYLAZINE 500 SC** to vines, apple and citrus experiencing trace element deficiencies or those growing in brackish soil conditions.
- DO NOT APPLY **TERBUTHYLAZINE 500 SC** TO ALKALINE SOILS AND/OR SHALLOW SOILS THAT ARE SUBJECT TO WATERLOGGING.
- **TERBUTHYLAZINE 500 SC** has a relatively long residual activity in the soil and susceptible crops such as winter cereals, legumes, vegetables, etc., should not be planted within 18 months of the soils being treated with **TERBUTHYLAZINE 500 SC**.
- If **TERBUTHYLAZINE 500 SC** is used in a tank mix with glyphosate or simazine formulations or any other herbicide, adhere to the restrictions applying to those herbicides.

**WEEDS CONTROLLED**

The following weeds are normally controlled by **TERBUTHYLAZINE 500 SC**

**Broadleaf weeds**

<i>Acanthospermum australe</i>	Eight-seeded prostrate starbur
<i>Acanthospermum glabratum</i>	five-seeded prostrate starbur
<i>Amaranthus hybridus</i>	common pigweed
<i>Amaranthus thunbergii</i>	red pigweed
<i>Amaranthus deflexus</i>	Perennial pigweed
<i>Amaranthus spinosus</i>	Thorny pigweed
<i>Bidens bipinnata</i>	Spanish blackjack
<i>Bidens pilosa</i>	blackjack
<i>Chenopodium album</i>	white goosefoot
<i>Chenopodium carinatum</i>	green goosefoot
<i>Cleome monophylla</i>	Spindepod
<i>Cleome rubella</i>	Pretty lady
<i>Commelina benghalensis</i>	Bengal wandering Jew
<i>Crotalaria sphaerocarpa</i>	Mealie Crotalaria
<i>Datura roxox</i>	Large thorn apple
<i>Datura stramonium</i>	Thorn apple
<i>Digitaria sanguinalis</i>	Crab fingergrass
<i>Echinochloa colona</i>	Marsh grass
<i>Eleusine Indica</i>	Goose grass
<i>Galinsoega parviflora</i>	gallant soldier
<i>Gisekia pharmaceoides</i>	Gisekia
<i>Ipomoea purpurea</i>	Common morning glory
<i>Hibiscus trionum</i>	Bladderweed
<i>Hibiscus cannabinus</i>	Kenaf
<i>Nicandra physaloides</i>	Apple of Peru
<i>Oenothera stricta</i>	Evening primrose
<i>Physalis angulata</i>	wild gooseberry
<i>Portulaca oleracea</i>	puslane
<i>Urochloa panicoides</i>	Herringbone grass
<i>Richardia brasiliensis</i>	Tropical Richardia
<i>Schkuhria pinnata</i>	dwarf marigold
<i>Tagetes minuta</i>	khaki weed
<i>Vigna vexillata</i>	Wild cow-pea
<i>Xanthium strumarium</i>	Cocklebur

**TERBUTHYLAZINE 500 SC** does not control established weeds or weeds that develop from underground vegetative material such as rootstocks. The degree of control and duration of effect depends on weed species, weed size, growing conditions at and following the period of application, rainfall and soil organic matter content.

**DIRECTIONS FOR USE: (Use only as directed)**

**COMPATIBILITY:**

**TERBUTHYLAZINE 500 SC** is known to be compatible with glyphosate, simazine formulations and mesotrione. Note, however, that the formulation type of such products as well as the quality of the spray-water can affect the compatibility of **TERBUTHYLAZINE 500 SC** with other products. The registration holder does not accept responsibility for the compatibility of **TERBUTHYLAZINE 500 SC** with other products since the formulation of other products can be altered without the knowledge of the registration holder and the quality of water can vary from farm to farm. For this reason it is recommended that a compatibility test be carried out prior to application.

**MIXING INSTRUCTIONS:**

Shake well before use. Replace screw cap after use.

Half-fill the spray tank with water and start agitation. Pour the required quantity of **TERBUTHYLAZINE 500 SC** through a 50 mesh sieve into the tank. Top up the tank with water to the final volume required. Ensure thorough agitation during filling. When used a tank mixture with glyphosate based products ensure that the **TERBUTHYLAZINE 500 SC** is added last.

Ensure thorough agitation during filling and spraying operations.

**APPLICATION**

**TERBUTHYLAZINE 500 SC** can be applied with any medium-or high volume sprayer fitted with an efficient agitation mechanism, which is capable of giving adequate coverage and even distribution. Best results are obtained with fan-type spray tips that apply at least 200 l spray mixture per hectare.

**TERBUTHYLAZINE 500 SC** is mainly absorbed by the roots of weed seedlings and has very little or no effect on established weeds. Where weeds have already emerged, these weeds must first be destroyed through cultivation or a suitable post-emergence herbicide before **TERBUTHYLAZINE 500 SC** is applied. In situations where the weeds are still small or where the infestation is very light **TERBUTHYLAZINE 500 SC** can be applied as a tank-mixture with a post-emergence herbicide provided it is compatible. Where the weed stand is well established and dense, **TERBUTHYLAZINE 500 SC** will not reach the soil surface due to the shading effect of the weeds. In such situations the weeds must first be killed with a post-emergence herbicide before **TERBUTHYLAZINE 500 SC** can be applied.

**AGRICULTURAL USE:**

**CROPS: APPLES, VINES AND CITRUS**

Application Rates:

CROP	TERBUTHYLAZINE 500 SC l/ha	TIMING OF APPLICATION
Dryland and Irrigated Bush Vines	3.5 l/ha	Pre-bud
Irrigated Trellis Vines	3.5 l/ha	Early Spring
Apples	3.5 l/ha	During Spring
Citrus	3.5 l/ha	During Spring

In the case of band applications, the dosage rates remain the same although correspondingly less of the spray-mixture will be applied per actual hectare. Check with your **TERBUTHYLAZINE 500 SC** supplier if in doubt.

**TERBUTHYLAZINE 500 SC** can be mixed with SC formulations of simazine when used in apples, citrus and vines to increase the residual effect on grasses. Use an application rate of 2.7 l/ha **TERBUTHYLAZINE 500 SC** plus 2 l/ha simazine 500 SC on soils with less than 15% clay and an application rate of 2.7 l/ha **TERBUTHYLAZINE 500 SC** plus 3 l/ha simazine 500 SC on soils with a clay content of more than 15%.

**MAIZE: POST-EMERGENCE**

**TERBUTHYLAZINE 500 SC** can be used post-emergence in maize following a pre- emergence application of a grass-killer to control emerging broadleaf weeds. The broadleaf weeds should not exceed the 4 leaf stage or be >10 cm tall. When the maize is taller than 40 cm a directed spray should be applied to ensure proper coverage of the weeds.

Apply 2,0 l **TERBUTHYLAZINE 500 SC** per hectare together with 250 ml of TROOPER SL® or GALAXY 320 SL (containing 240 g/l 2,4-D + 80g/l Dicamba) as a tank-mix in conjunction with a suitable registered adjuvant. Consult the TROOPER SL® or GALAXY 320 SL label for full details.

#### Weeds controlled

The following weeds are normally controlled at the dosage rate as indicated above	
A thunbergii	Red pigweed
Amaranthus hybridus	common pigweed
Amaranthus deflexus	Perennial pigweed
Bidens bipinnata	Spanish blackjack
Bidens pilosa	blackjack
Chenopodium album	white goosefoot
Chenopodium carinatum	green goosefoot
Cleome monophylla	Spinepod
Cleome rubella	Pretty lady
Crotalaria sphaerocarpa	Mealie crotolaria
Datura ferox	Large thorn apple
Datura stramonium	Thorn apple
Digitaria sanguinalis	Crab fingergrass
Echinochloa colona	Marsh grass
Eleusine Indica	Goose grass
Galinsoga parviflora	gallant soldier
Ipomoea purpurea	wild gooseberry
Schkuhria pinnata	dwarf marigold
Tagetes minuta	khaki weed
Tribulus terrestris	Dubbeltjie
Xanthium strumarium	Cocklebur

#### Notes:

Where planned follow up crops are known to be sensitive to triazines then **TERBUTHYLAZINE 500 SC** may be applied at a reduced rate of 1,5 l per hectare in a tank mix with TROOPER SL® OR GALAXY 320 SL OR GALAXY 320 SL (containing 240 g/l 2,4-D + 80g/l Dicamba) at 350 ml per hectare plus an appropriate adjuvant. This will ensure that the total quantity of Triazines does not exceed 1kg active per hectare during one season when applied subsequent to a pre-emergence program of acetanilides and triazines. Consult the TROOPER SL® or GALAXY 320 SL label for full details.

Waiting periods for follow up crops:

1. Grain sorghum and maize - none.
2. Potatoes, dry beans, ground nuts, small grain, soya beans and sunflower - 9 months.
3. All other crops - 18 months

#### POST-EMERGENCE WITH AMAZING 480 SC FOR THE CONTROL OF BROADLEAF WEEDS

Do not exceed a total of 1.5 l per hectare of Terbutylazine if follow up crops, sensitive to triazines, are to be planted the next season.

Post-emergence application of **TERBUTHYLAZINE 500 SC** plus Amazing 480 SC (L9725).

Product	Dosage rates
<b>TERBUTHYLAZINE 500 SC PLUS</b>	1,0 l
Amazing 480 SC (L9725)	
<b>PLUS</b>	260 ml
Any suitable adjuvant	0.1%

## WEEDS CONTROLLED

The following weeds are normally controlled at the dosage rate as indicated above

### Broadleaf weeds

<b>Above plus:</b> <i>Acanthospermum australe</i> <i>Acanthospermum glabratum</i> <i>Commelina benghalensis</i> <i>Digitaria sanguinalis</i> <i>Gisekia pharnaceoides</i> <i>Hibiscus trionum</i> <i>Hibiscus cannabinus</i> <i>Nicandra physaloides</i> <i>Oenothera stricta</i> <i>Physalis angulata</i> <i>Portulaca oleracea</i> <i>Urochloa panicoides</i> <i>Richardia brasiliensis</i> <i>Vigna vexillata</i>	Eight-seeded prostrate starbur five-seeded prostrate starbur Bengal wandering Jew Crab fingergrass Gisekia Bladderweed Kenaf Apple of Peru Evening primrose wild gooseberry puslane Herringbone grass Tropical Richardia Wild cow-pea
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### Notes

- Apply post-emergence in the 2 to 6 leaf stage for broadleaf weeds, and 2 to 3 leaf stage for grass weeds.
- Use the higher dosage rates for difficult to control weeds or high weed pressure situations.
- Refer to the **Amazing 480 SC (L9725)** label for list of additional weeds controlled, as well as **USE RESTRICTIONS and DIRECTIONS FOR USE**.

### INDUSTRIAL USE:

SITE OF APPLICATION	DOSAGE	REMARKS
Along roads, railway lines and on industrial sites	8 to 20 l/ha	Dosage depends on the clay content of the soil and the duration of control required. Use in combination with the required, registered rate of glyphosate, as indicated on the glyphosate product label. <b>TERBUTHYLAZINE 500 SC</b> can be mixed with simazine 500 SC to increase the residual effect on grasses.

### Acknowledgements:

**TROOPER SL®** is the registered trademark of Meridian Agrochemical (Pty) Ltd.

**GALAXY 320 SL®** is the registered trademark of Cedar Falls Properties 130 (Pty) Ltd

**AMAZING 480 SC®** is the registered trademark of FarmAG International (Pty) Ltd

## WAARSKUWINGS:

**Gevaarstellings:** Kan skadelik wees indieningesluk. Kan skadelik wees in kontak met die vel. Giftig indieningeasem. Mag skade aan organe veroorsaak deur langdurige of herhaalde blootstelling. Baie giftig vir waterlewe met langdurige effekte.

- **Herbetreding:** Moet nie behandelde gebied betree vir 1 dag na die bespuiting nie, tensy beskermende oorklere gedra word.
- **Ingeval van vergiftiging, ontbied 'n geneesheer en maak die etiket aan hom/haar beskikbaar.**

**Luigtoediening:** Stel al die bewoners in die onmiddellike omgewing van die gebied wat bespuit gaan word in kennis en reik die nodige waarskuwings uit. Moet nie oor aangrensende gebiede of water spuit of die spuitnewel toelaat om dit te besoedel nie.

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

## VOORSORGMATREËLS:

### Voorsorgstellings

**Voorkoming:** Moenie dampe inasem nie, spuit. Gebruik slegs buite of in 'n goed geventileerde area. Vermoed vrylating na die omgewing.

**Reaksie:** INDIEN INGESAEM: Verwyder persoon na vars lug en hou gemaklik om asem te haal. Bel 'n gifsentrum of dokter as jy onwel voel. Kry mediese advies/aandag as jy onwel voel. Versamel mors.

**Berging:** Berg in 'n goed geventileerde plek. Hou die houer dig toe. Stoor toegesluit.

**Wegdoening:** Gooi inhoud en houer weg na 'n goedgekeurde afvalverwyderingsaanleg.

- Voorkom inaseming van spuitnewel.
- Dra oogbeskerming en handskoene wanneer konsentraat hanteer word.
- Was met seep en water na gebruik was ook besoedelde klere.
- Moet nie eet, drink of rook tydens vermenging of toediening van die produk of voordat die hande en gesig gewas is nie.
- Vermoed spuitnewel op ander gewasse, weiveld, riviere, damme en plekke wat nie behandel moet word nie.
- Maak toedieningsapparaat skoon na gebruik. Uitspoelwater moet nie gewasse, weiveld, riviere en damme besoedel nie.

**SPOEL die leë houer DRIEKEER UIT soos volg:** Keer die leë houer om oor die spuit- of mengtenk en dreineer vir ten minste 30 sekondes nadat die vloei tot drup verlangsam het. Spoel die leë houer daarna drie keer agtereenvolgens uit met een kwart van die houervolume vars water en gooi die speelwater in die spuit- of mengtenk. Prik die drievoudig uitgespoelde houer deur en gooi weg via 'n goedgekeurde versamelaar of herwinner ([www.croplife.co.za](http://www.croplife.co.za)). Moenie die houer begrawe, verbrand of skenk aan enige ander partye wat dit as 'n houer vir kos of drank kan gebruik nie. Moet nooit die leë houer vir enige ander doel hergebruik nie.

Moet nooit die leë houer vir enige ander doel hergebruik nie.

Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.

## RELEVANTE STOWWE:

NAAM	PRODUK IDENTIFISEERDER
Terbutielasien TS	CAS-No.: 5915-41-3
Mono-etileenglikol	CAS-No.: 107-21-1

**WEERSTANDSWAARSKUWING: TERBUTHYLAZINE 500 SC** is 'n groepkode 5 onkruiddoder. Enige populasie van 'n spesifieke onkruid mag individue insluit wat 'n natuurlike weerstand teen **TERBUTHYLAZINE 500 SC** of enige ander groepkode 5 onkruiddoders het. Indien hierdie onkruiddoders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die onkruidpopulasie oorheers. Hierdie weerstandbiedende onkruid sal waarskynlik nie deur **TERBUTHYLAZINE 500 SC** of enige ander groepkode 5 onkruiddoder beheer word nie.

Om weerstand teen onkruiddoders te vertraag:

- Vermy die eksklusiewe herhaaldelike gebruik van onkruidodders met dieselfde groepkode. Wissel af met, of gebruik tenkingsels van produkte in verskillende onkruidoddergroeikodes.
  - Integreer ander beheermaatreels (chemies, verbouing, biologies) in onkruidodderprogramme.
- Vir spesifieke inligting oor weerstandsbestuur kontak die registrasiehouer van hierdie produk.

#### WYSE VAN AKSIE:

Selektiewe sistemiese onkruidodder, hoofsaaklik geabsorbeer deur wortels, maar ook deur blare, akropetaal getranslokeer in die xileem en ophoop in die apikale meristeme en blare.

#### GEBRUIKSBEPERKINGS:

- Moet **TERBUTHYLAZINE 500 SC** nie op peer-en steenvrugtebome toedien nie.
- Moet **TERBUTHYLAZINE 500 SC** nie op appelbome, wingerde en sitrus binne een jaar na uitplant toedien nie. Voorkom die behandeling van jong inplantings in gevestigde wingerde en boorde.
- Moet **TERBUTHYLAZINE 500 SC** nie toedien op appelbome, wingerde en sitrusbome wat aan 'n spoorelementtekort onderhewig is of op brakgronde groei nie.
- **MOET TERBUTHYLAZINE 500 SC NIE TOEDIEN OP ALKALIESE GRONDE EN/OF VLAK GRONDE WAT AAN VERSUIPING ONDERHEWIG IS NIE.**
- **TERBUTHYLAZINE 500 SC** het 'n relatiewe lang nawerking in die grond en gevoelige gewasse soos groentegewasse, peulplante en wintergraan moet nie geplant word op gronde wat minder as 18 maande vantevore met **TERBUTHYLAZINE 500 SC** behandel is nie.
- Indien **TERBUTHYLAZINE 500 SC** in 'n tenkingsel met glyfosate, simasien of enige ander formulasies of enige ander onkruidodder gebruik word, moet die gebruiksbepelkings van sulke middels in ag geneem word.

**ONKRUIDE WAT BEHEER WORD:** Die volgende onkruid word normaalweg deur **TERBUTHYLAZINE 500 SC** beheer teen die toedieningshoeveelhele en omgewingstoestande soos hieronder aangedui:

<i>Acanthospermum australe</i>	Agtsadige kruipsterklits
<i>Acanthospermum glabratum</i>	Vyfsadige kruisterklits
<i>Amaranthus hybridus</i>	Gewone misbredie
<i>Amaranthus thunbergii</i>	Roomisbredie
<i>Amaranthus deflexus</i>	Meerjarige misbredie
<i>Amaranthus spinosus</i>	Doringmisbredie
<i>Bidens bipinnata</i>	Spaanse knapsekerel
<i>Bidens pilosa</i>	Knapsekerel
<i>Chenopodium album</i>	Withondebossie
<i>Chenopodium carinatum</i>	Groenhondebossie
<i>Cleome monophylla</i>	Enkelblaar cleome
<i>Cleome rubella</i>	Mooinoientjie
<i>Commelina benghalensis</i>	Bengaalse wandelende Jood
<i>Crotalaria sphaerocarpa</i>	Mielie Crotalaria
<i>Datura rerex</i>	Grootstinkblaar
<i>Datura stramonium</i>	Olieboom
<i>Digitaria sanguinalis</i>	Kruisingergras
<i>Echinochloa colona</i>	Kleinwatergras
<i>Eleusine Indica</i>	Jongogras
<i>Galinsoga parviflora</i>	Knopkruid
<i>Gisekia pharmaceoides</i>	Gisekia
<i>Ipomoea purpurea</i>	Purperwind
<i>Hibiscus trionum</i>	Terblansbossie
<i>Hibiscus cannabinus</i>	Wildestokroos
<i>Nicandra physaloides</i>	Basterappelliefie
<i>Oenothera stricta</i>	Nagblom
<i>Physalis angulata</i>	Wilde-appelliefie
<i>Portulaca oleracea</i>	Porslein
<i>Urochloa panicoides</i>	Beesgras
<i>Richardia brasiliensis</i>	Meksikaanse Richardia
<i>Schkuhria pinnata</i>	Kleinkakiebos
<i>Tagetes minuta</i>	Kakiebos
<i>Vigna vexillata</i>	Wilde koei-ertjie
<i>Xanthium strumarium</i>	Kankerroos



**TERBUTHYLAZINE 500 SC** beheer nie gevestigde onkruid of onkruid wat deur ondergrondse vegetatiewe organe soos wortelstokke voortplant nie. Graad van beheer en lengte van nawerking hang af van onkruidspesie, onkruidgrootte, groeitoestand tydens en na bespuiting, reenal en organiesematerie inhoud van die grond.

#### GEBRUIKSAANWYSINGS: (GEBRUIK SLEGS SOOS AANGEDUI)

##### VERENIGBAARHEID:

**TERBUTHYLAZINE 500 SC** is verenigbaar met glifosaat en Simasien. Die verenig-baarheid van **TERBUTHYLAZINE 500 SC** met ander produkte kan egeer beïnvloed word deur die formulering van die betrokke produkte asook deur die kwaliteit van die water. Aangesien die formulering van ander produkte kan verander sonder die medewete van die registrasiehouer en die kwaliteit van die water ook van plaas tot plaas kan verskil kan die registrasiehouer geen verantwoordelikheid aanvaar vir die verenigbaarheid van **TERBUTHYLAZINE 500 SC** met ander produkte nie. Gevolglik word aanbeveel dat 'n verenigbaarheidstoets uitgevoer word voordat gespuit word.

##### MENGINSTRUKSIES:

Skuk goed voor gebruik. Plaas skroefdrop terug na gebruik.

Maak die spuitnek halfvol met water en skakel die roerder aan. Voeg die benodigde hoeveelheid **TERBUTHYLAZINE 500 SC** deur 'n 50 maas sif by. Vul die tenk verder met water totdat die verlangde volume verkry is. Maak seker dat die mengsel aanhoudend deeglik geroeer word tydens vulling. Wanneer **TERBUTHYLAZINE 500 SC** in tenkmengsels met glifosaat gebruik word, moet **TERBUTHYLAZINE 500 SC** laaste in die spuitnek gevoeg word.

Maak seker dat die mengsel deeglik geroeer word tydens vulling en toediening.

##### TOEDIENING:

**TERBUTHYLAZINE 500 SC** kan met enige medium - of hoevolume spuitapparaat wat oor 'n doeltreffende roemeganisme beskik, toegedien word. Daar moet toegesien word dat die onkruid dodder eweredig oor die teikengebied toegedien word. Die beste resultate word normaalweg verkry deur gebruik te maak van platwaaierspuitpunte en 'n spuitvolume van minstens 200 l per hektaar. **TERBUTHYLAZINE 500 SC** word hoofsaaklik deur die wortels van onkruidsaailinge opgeneem en dit het min of geen effek op gevestigde onkruid. Waar onkruid reeds opgekom het moet hierdie onkruid eers vernietig word deur 'n skoffelbewerking of deur middel van die toediening van 'n geskikte na-opkom onkruiddoder. Waar sodanige onkruid nog relatief klein of slegs in 'n yl stand teenwoordig is kan **TERBUTHYLAZINE 500 SC** met die na-opkomonkruiddoder in tenkmengsel toegedien word (mits dit verenigbaar is) om sodoende toedieningskoste te bespaar.

Waar die onkruid alreeds 'n digte stand bereik het kan dit verhoed dat **TERBUTHYLAZINE 500 SC** deurdring tot op die grond en moet hierdie onkruid eers met die na-opkom onkruiddoder gedood word alvorens **TERBUTHYLAZINE 500 SC** toegedien word.

##### LANDBOUGEBRUIK:

##### GEWASSE: APPELS, WINGERDE EN SITRUS - TOEDIENINGSHOEVEELHEDE:

GEWAS	TERBUTHYLAZINE 500 SC l/ha	TOEDIENINGSTYD
Droelandwingerd en Besproeide bosstokwingerd	3.5 l/ha	Voor bot
Besproeide opleiwingerd	3.5 l/ha	Vroe lente
Appels	3.5 l/ha	Gedurende lente
Sitrus	3.5 l/ha	Gedurende lente

Indien slegs stoke bespuit word moet dienooreenkomstig minder **TERBUTHYLAZINE 500 SC** / ha toegedien word. Raadpleeg die naaste Tegnieese Verteenwoordiger van die Verskaffer Maatskappy.

**TERBUTHYLAZINE 500 SC** kan gemeng word met Simasien in appels, sitrus en wingerd om die residuele effek op grasse te verbeter. Gebruik 'n toedieningshoeveelheid van 2.7 l/ha **TERBUTHYLAZINE 500 SC** plus 2 l/ha Simasien op gronde met minder as 15% Klei en 2.7 l/ha Terbutielasien plus 3 l/ha Simasien op gronde met 'n klei-inhoud van meer as 15%.

##### MIELIES: NA-OPKOMS:

**TERBUTHYLAZINE 500 SC** kan na-opkoms in mielies gebruik word as opvolg na 'n voor-opkoms toediening van 'n grasdoder om ontkiemende breekbaar onkruid te beheer. Die breekbaar onkruid behoort nie 4 blaar stadium te oorskrei of >10 cm hoog wees nie. Wanneer die mielies hoer as 40 cm is moet 'n gerigte toediening gedoen word om behoorlike bedekking van die onkruid te verseker.

Dien 2,0 l **TERBUTHYLAZINE 500 SC** per hektaar toe tesame met 250 ml TROOPER SL of GALAXY 320 SL (bevattende 240 g/l 2,4-D + 80g/l Dikamba) as 'n

tenkmengsel in verbinding met 'n geskikte geregistreerde bymiddel. Raadpleeg die TROOPER SL of GALAXY 320 SL etiket vir volledige aanwysings.

**Onkruid beheer:**

**Die volgende onkruid word normaalweg beheer teen die dosis soos aangedui hierbo.**

A thunbergii	Rooi misbredie
Amaranthus hybridus	Gewone misbredie
Amaranthus deflexus	Meerjarige misbredie
Bidens bipinnata	Spaanse knapsekerel
Bidens pilosa	Knapsekerel
Chenopodium album	withondebossie
Chenopodium carinatum	groenhondebossie
Cleome monophyla	enkelblaar cleome
Cleome rubella	mooinoientjie
Crotolaria sphaeroarpa	Mielie crotolaria
Datura ferox	grootstinkblaar
Datura stramonium	olieboom
Digitaria sanguinalis	kruisingergras
Echinochloa colona	kleinwatergras
Eleusine Indica	jongosgras
Galinsoga parviflora	knopkruid
Ipomoea purpurea	purperwind
Schkuhria pinnata	kleinkakiebos
Tagetes minuta	kakiebos
Tribulus terrestris	Dubbeltjie
Xanthium strumarium	kankerroos

**Notas:** Waar beplande opvolg gewasse bekend is om sensitief te wees tot triazines dan kan **TERBUTHYLAZINE 500 SC** toegedien word teen 'n verminderde dosis van 1,5 l per hectare in 'n tenkmengsel met TROOPER SLR of GALAXY 320 SL (bevat 240 g/l 2,4-D + 80g/l Dikamba) teen 350 ml per hektaar plus 'n gepaste bymiddel. Dit sal verseker dat die totale hoeveelheid Triazines nie 1kg aktief per hektaar oorskrei gedurende een seisoen nie wanneer toegedien word na 'n voor-opkoms program van acetanilides en triazines. Raadpleeg die TROOPER SLR of GALAXY 320 SL etiket vir volledige besonderhede.

**Wag periodes vir opvolg gewasse:**

1. Graan sorghum en mielies - geen.
2. Aartappels, droe bone, grondboontjies, klein graan, soya bone and sonneblom - 9 maande.
3. Alle ander gewasse - 18 maande

**NA-OPKOMS MET AMAZING 480 SC VIR DIE BEHEER VAN BREËBLAAR ONKRUIDE:**

Moenie totaal van 1.5 l per hektaar Terbuthylazine oorskrei indien opvolg gewasse wat sensitief is tot triazines, geplant gaan word die volgende seisoenare. Na-opkoms toediening van **TERBUTHYLAZINE 500 SC** plus Amazing 480 SC (L9725).

PRODUK	DOSISSE
<b>TERBUTHYLAZINE 500 SC</b>	1,0 l
<b>PLUS</b> Amazing 480 SC (L9725)	260 ml
<b>PLUS</b> Enige geskikte bymiddel	0.1%

**ONKRUIDE BEHEER:**

Die volgende onkruid word normaalweg beheer teen die dosis soos aangedui hierbo:

**BREEBLAAR ONKRUIDE:**

<b>Bogenoemde plus:</b> <i>Acanthospermum australe</i> <i>Acanthospermum glabratum</i> <i>Commelina benghalensis</i> <i>Digitaria sanguinalis</i> <i>Gisekia pharnaceoides</i> <i>Hibiscus trionum</i> <i>Hibiscus cannabinus</i> <i>Nicandra physaloides</i> <i>Oenothera stricta</i> <i>Physalis angulata</i> <i>Portulaca oleracea</i> <i>Urochloa panicoides</i> <i>Richardia brasiliensis</i> <i>Vigna vexillata</i>	Agtsadige kruipsterklits Vyfsadige kruipsterklits Bengaalse wandelende Jood kruisingergras Gisekia Terblansbossie wildestokroos basterappelliefie nagblom wilde-appelliefie porslein beesgras Meksikaanse Richardia Wilde koei-ertjie
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**Notas:**

- Dien na-opkoms toe in die 2 tot 6 blaar stadium vir breeblaar onkruid, en 2 tot 3 leaf stadium vir gras onkruid.
- Gebruik die hoer dosisse vir moeilik beheerbare onkruid of hoeonkruid druk situasies.
- Verwys na die Amazing 480 SC (L9725) etiket vir lys van bykomende onkruid beheer, sowel as GEBRUIKSBEPERKINGS en GEBRUIKSAANWYSINGS.

**INDUSTRIËLE GEBRUIK:**

PLEK VAN TOEDIENING	DOSIS	OPMERKINGS
Langs paaie, spoorbane en op nywerheidspersele	8 tot 20 l/ha	Toedieningshoeveelhede hang van die klei inhoud van die grond en die residuele beheer wat verlang word af. Gebruik in kombinasie met die verlangde, geregistreerde hoeveelheid glifosaat soos op die glifosaat produk etiket aangedui. <b>TERBUTHYLAZINE 500 SC</b> kan gemeng word met Simasien om die residuele effek op grasse te verbeter

# TERBUTHYLAZINE 500 SC

Reg. No. / Nr L9328 Act No. 36 of 1947/ Wet Nr 36 van 1947

HERBICIDE



**READ THE LABEL AND ATTACHED PACKAGED LEAFLET BEFORE USE  
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

HRAC HERBICIDE GROUP CODE:

5

HRAC ONKRUIDDODER GROEP KODE:

A pre-emergence suspension concentrate herbicide for the control of a broad spectrum of annual weeds in apples, vines and citrus and post-emergence control of broadleaf weeds in maize as well as for the prevention of weed growth on industrial sites and other non-crop areas.

'n Voor-opkoms suspensie konsentraat onkruidodder vir die beheer van 'n breë spektrum eenjarige onkruid in appels, wingerd en sitrus sowel as vir die na-opkoms beheer van breëblaaronkruid in mielies en die voorkoming van onkruidgroei op industriële gebiede en grond wat nie vir landbou gebruik word nie.

## ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

Terbuthylazine/ (triazine) .....488 g/ℓ..... Terbutilasien (triasien)  
Other triazines .....12 g/ℓ..... Ander triasiene



**DANGER**

### Hazard Statements:

May be harmful if swallowed.  
May be harmful in contact with skin.  
Toxic if inhaled.  
May cause damage to organs through prolonged or repeated exposure.  
Very toxic to aquatic life with long lasting effects.

### Precautionary Statements:

Do not breathe vapours, spray.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Call a poison center or doctor if you feel unwell.

Batch No:

D.O.M:

D.O.E:

Net Mass:

See reverse of drum for details.

FOR FULL PARTICULARS SEE ATTACHED PAMPHLET.  
VIR VOLLEDIGE BESONDERHEDE KYK AANGEHEGTE ETIKET.

UN No. / VR Nr: 3082



REGISTRATION HOLDER/ REGISTRASIEHOUER  
Cedar Falls Properties 130 (Pty) Ltd.  
Reg. No. / Nr. 2006/031383/07  
61 Marshall Drive, Old Mill Industrial Park,  
Mount Edgecombe.  
Tel: (031) 003 3486

Poison Information Helpline (24 hrs): 0861 555 777



BARCODE

100784

165(H) x 140(W) mm

CYAN

MAG

YEL

BLK

100784