



Meridian

agritech



QWEST SC

BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY

VERWYS NA BESONDERHEDE SOOS OP HOUER / SAK GEDRUK

GEBRUIKSAANWYSINGS INGESLUIT

Lotonommer
Datum van vervaardiging

QWEST SC

HERBICIDE

Reg. No. L7508, Act/Wet No. 36 of/van 1947

1: 01/06/2004

A suspension concentrate post-emergence herbicide acting through the foliage and roots for the control of broadleaf weeds, yellow nutsedge and grasses in sugarcane as indicated.

'n Suspensiekonsentraat na-opkoms onkruidodder wat deur die blare en wortels opgeneem word vir die beheer van breëblaaronkruid, geeluintjies en grasse in suikerriet soos aangedui.

HRAC HERBICIDE GROUP CODE	F2; C2	HRAC ONKRUIDDODER GROEPKODE
ACTIVE INGREDIENTS / AKTIEWE BESTANDELE		
Sulcotrione (triketone)		Sulkotrioon (triketoon)
Diuron (urea)		Diuron (ureum)

Registration Holder / Registrasiehouer
Meridian Agrochemical Company (Pty.) Ltd. / (Edms.) Bpk.
 Reg. No. 2000/010819/07
 P.O. Box / Posbus 436, Modderfontein, 1645, South Africa / Suid-Afrika

20L

UN Number: 3082

CAUTION / VERSIGTIG

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

DIRECTIONS FOR USE ENCLOSED

Batch Number
Date of manufacture

WARNINGS

- Harmful if swallowed.
- May cause eye irritation.
- Keep unused **Qwest SC** in this container with the cap tightly closed.
- Store under lock and key in a cool place.
- Store away from food, feed, fertilizer and other agricultural products.
- Keep out of reach of children, uninformed persons, animals and away from food.

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

- Do not inhale fumes or spray mist.
- Avoid skin and eye contact by wearing protective clothing when mixing the product.
- In case of accidental eye contact, flush with plenty of water and get medical attention if necessary.
- Wash with soap and water after use and accidental skin contact as well as contaminated clothing.
- Do not eat, drink or smoke while mixing or applying the product or before washing hands and face.
- Avoid drift of spray onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean applicator after use. Dispose of rinsate where it will not contaminate crops, grazing, rivers, dams and boreholes.
- Prevent contamination of food, feeds, drinking water and eating utensils.
- Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed 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 for any other purpose.

USE RESTRICTIONS

The performance of **Qwest SC** can be influenced by a number of factors which affect plant growth. These factors such as, but not limited to, soil moisture, soil type and weed species present may affect the residual action of the herbicide. **Qwest SC** can have a residual action for a period of up to 42 days after application and this period may be extended when applied in a tank mixture with tebuthiuron 500 SC.

Extended overcast and rainy conditions during and after application may reduce the efficacy of the product. When an application of **Qwest SC** is anticipated the following conditions should be avoided:

- Stress conditions caused by drought, cold weather conditions, disease, insect damage, mineral element deficiencies and waterlogging.
- Application to weeds beyond the optimum growth stage.
- Application to weeds that are not actively growing.
- Should one or more of these conditions prevail at the time of **Qwest SC** application, herbicidal activity may be reduced.

Do not use **Qwest SC** on any crop or situation not mentioned in this instruction leaflet

RESISTANCE WARNING

For resistance management, **Qwest SC** is a group code F2/C2 herbicide. Any weed population may contain individuals naturally resistant to **Qwest SC** and other group code F2/C2 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **Qwest SC** or any other group code F2/C2 herbicide.

To delay herbicide resistance:

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

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

DIRECTIONS FOR USE

Use only as indicated.

MIXING INSTRUCTIONS

Half-fill the spray tank with suitable water, then add the required amount of **Qwest SC** to the water in the tank while agitating. Fill the spray tank to the desired volume. Should tank mixtures with other herbicides be made, follow the respective manufacturers' label recommendations. **Tank mixtures must be sprayed out immediately and not allowed to stand in the spray tank overnight.** Spraying equipment must be thoroughly flushed out at the end of the spraying operation. Always use clean water. Where alkaline or acidic water occurs the pH of the water should be checked and the spray solution buffered if necessary.

COMPATIBILITY

The compatibility of **Qwest SC** with other products depends on the formulations of the respective products as well as the quality of the spray water to be used. As formulations change from time to time it is recommended that a physical compatibility test be done prior to the tank mixture being made. **Qwest SC** is compatible with tebuthiuron 500 SC. When tank mixing with tebuthiuron 500 SC, first mix each product separately in a small amount of water before adding it to the spray tank.

APPLICATION METHODS

Ensure that the equipment is correctly calibrated and is checked regularly during application to ensure even and accurate application. Knapsack sprayers or tractor mounted boom sprayers may be used. A spray volume of 250 – 400 l/ha should be used for ground application and can be applied via flat fan-type nozzles, preferably the low drift type to avoid fine droplets. **Constant agitation throughout the spray operation is essential.** Only clean water should be used.

Rain is essential to leach the product into the zone of the germinating weeds and therefore 10 –15 mm of rain or irrigation is needed within 7 days of application to ensure optimum results. Under drier conditions, weeds may emerge.

Ground application:

Qwest SC may be applied with any properly calibrated medium or high volume sprayer which is equipped with an efficient agitation mechanism capable of adequate coverage and even distribution. Best results are obtained using flat fan-type spray nozzles and applying a minimum spray volume of 250 l/ha.

Qwest SC must be applied as an early post-emergence directed inter-row spray at the correct growth stage of weeds. Thorough wetting of the weeds is essential. The addition of a wetting agent can be beneficial to the activity of **Qwest SC**.

SUGAR CANE RECOMMENDATIONS

- **Qwest SC** may be used in a herbicide programme as an early post-emergence application to the weeds.
- Apply as an inter-row application and ensure thorough wetting of the weeds. □ The effects of **Qwest SC** may take 3 – 4 days to appear.
- **Qwest SC** should be applied in 250 – 400 l water/ha. The higher volume should be used for dense weed growth to ensure thorough wetting.
- **Qwest SC** can be used on all known cultivars. Before **Qwest SC** is used on new cultivars, consult your chemical supplier or the SASA Experiment Station.
- **Qwest SC** can be used on plant and ratoon cane.
- **Qwest SC** must not be applied later than the optimum weed growth stage as specified in the weed species list.

Qwest SC applied early post-emergence:

The following weed species are normally controlled by **Qwest SC** at the dosage rate and weed stages as indicated:

DOSAGE	BOTANICAL NAME	COMMON NAME	OPTIMUM WEED STAGE	
3.33 l Qwest SC in 250 – 400 l water/ha	1. Broadleaf weeds: <i>Amaranthus spinosus</i> <i>Ciclospermum leptophyllum</i>	Thorny weed -	2 – 4 leaf	
	<i>Commelina benghalensis</i> <i>Convolvulus arvensis</i> <i>Chamaesyce inaequilatera</i> <i>Flaveria bidentis</i> <i>Galinsoga parviflora</i> <i>Hibiscus trionum</i> <i>Ipomoea purpurea</i> <i>Nicandra physaloides</i> <i>Parthenium hysterophorus</i> <i>Portulaca oleracea</i> <i>Richardia brasiliensis</i> <i>Schkuhria pinnata</i> <i>Sida cordifolia</i>	Benghal wandering Jew Field bindweed Smooth creeping milkweed Smelter's bush Gallant soldier Bladder weed Common morning glory Apple of Peru Domonia weed Purslane Tropical Richardia Dwarf marigold Heartleaf Sida		
	2. Grasses: <i>Digitaria sanguinalis</i> <i>Eleusine indica</i> <i>Panicum schinzii</i>	Crab finger-grass Goose grass Sweet buffalo grass		2 – 4 leaf
	3. Sedges: <i>Cyperus esculentus</i>	Yellow nutsedge		3 – 5 leaf
	4. Weeds suppressed: 4.1 Broadleaf weeds: <i>Acalypha ecklonii</i> <i>Ageratum conyzoides</i> <i>Amaranthus deflexus</i> <i>Bidens pilosa</i>	- Invading Ageratum Perennial pigweed Black jack		2 – 4 leaf
	4.2 Grasses: <i>Panicum maximum</i> <i>Paspalum urvillei</i>	Common buffalo grass Tall Paspalum		2 – 4 leaf

NOTE:

Yellow nutsedge (*Cyperus esculentus*) may not be controlled if **Qwest SC** is applied during very dry conditions in the Midlands area of Kwazulu-Natal.

Qwest SC and tebuthiuron SC applied early post-emergence as an overall application in a tank mixture. The following weeds will be controlled at the rates and weed stages as indicated. The addition of a wetting agent can be beneficial to the activity of **Qwest SC**.

DOSAGE	BOTANICAL NAME	COMMON NAME	OPTIMUM WEED STAGE
2.5 l Qwest SC plus 1.0 l tebuthiuron 500 SC in 250 – 400 l water/ha OR	1. Broadleaf weeds: <i>Amaranthus spinosus</i> <i>Commelina benghalensis</i> <i>Portulaca oleracea</i>	Thorny pigweed Benghal wandering Jew Purslane	2 – 4 leaf
	2. Grasses		
2.0 l Qwest SC plus 1.5 l tebuthiuron 500 SC in 250 – 400 l water/ha	<i>Digitaria sanguinalis</i> <i>Eleusine indica</i> <i>Eragrostis ciliaris</i> <i>Eragrostis curvula</i>	Crab finger-grass Goose grass - Weeping love grass	
	<i>Panicum maximum</i>	Common buffalo grass	
2.5 l Qwest SC plus 2.0 l tebuthiuron 500 SC in 250 – 400 l water/ha	3. Sedges: <i>Cyperus esculentus</i>	Yellow nutsedge	3 – 5 leaf

NOTE:

Yellow nutsedge (*Cyperus esculentus*) may not be controlled IF **QWEST SC** is applied during very dry conditions in the Midlands area of Kwazulu-Natal.

WAARSKUWINGS

- Skadelik indien ingesluk.
- Mag oogirritasie veroorsaak.
- Bêre ongebruikte **Qwest SC** in oorspronklike houer met die deksel dig toegemaak.
- Berg agter slot-en-grendel in 'n koel plek.
- Bêre weg van voedsel, voer, kunsmis en ander landbouprodukte.
- Hou buite bereik van kinders, oningeligte persone en diere.

Alhoewel hierdie middel omvattend onder 'n groot verskeidenheid toestande getoets is waarborg die registrasie houer 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, '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 of registrasiehouer in die geval van enige onsekerheid.

VOORSORGMAATREËLS

- Moet nie spuitnewel inasem nie.
- Vermoed kontak met die vel en oë deur beskermende oorklere te dra wanneer die produk gemeng word.
- Indien produk in aanraking met die oë kom, spoel met water en kry mediese hulp indien nodig.
- Was met seep en water na gebruik en toevallige velkontak; so ook die besoedelde klere.
- Moet nie eet, drink of rook tydens vermenging of toediening van die produk of voordat hande en gesig gewas is nie.
- Vermoed wegdrywing van spuitnewel na ander gewasse, weiveld, riviere, damme en plekke wat nie onder behandeling is nie.
- Maak toedieningsapparaat na gebruik skoon. Uitspoelwater moet nie gewasse, weiveld, riviere, damme en boorgate besoedel nie.
- Voorkom die besoedeling van voedsel, voer, drinkwater en eetgerei.
- 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 leë houer daarna **drie keer** uit met 'n volume skoon water gelykstaande aan 'n minimum van 10% van die houer. Gooi die spoelwater by die inhoud van die spuittenk voordat die houer vernietig word.
- Vernietig die leë houer en moet dit vir geen ander doel gebruik nie.

GEBRUIKSBEPERKINGS

Die werking van **Qwest SC** mag beïnvloed word deur 'n aantal faktore wat plantegoei beïnvloed. Faktore soos grondvog, grondtipe en onkruidspesies teenwoordig mag die residuele werking van die onkruiddoder beïnvloed. **Qwest SC** kan 'n residuele werking hê vir 'n periode van tot 42 dae na toediening en hierdie periode mag verleng word wanneer dit in 'n tenkmengsel met tebuthiuron 500 SC toegedien word.

Aanhoudende reën en bewolkte toestande gedurende en na toediening mag die doeltreffendheid van die produk verlaag. Wanneer 'n toediening van **Qwest SC** beplan word, moet die volgende toestande vermy word:

- Stremmingstoestande van onkruid a.g.v. droogte, koue weer, siektes, insekkskade, minerale tekorte en versuipingstoestande.
- Toedienings op onkruid groter as die optimum groeistadiums.
- Toedienings op onkruid wat nie aktief groei nie.
- Indien een of meer van hierdie toestande gedurende 'n toediening van **Qwest SC** heers mag die onkruidbeheer verlaag word.

Moet nie **Qwest SC** op enige gewas of situasie toedien wat nie op hierdie etiket aangedui is nie.

WEERSTANDSWAARSKUWING

Vir weerstandsbestuur is **Qwest SC** 'n groepkode F2 en C2 onkruiddoder. Enige populasie van 'n spesifieke onkruid mag individueel insluit wat 'n natuurlike weerstand teen **Qwest SC** of enige ander groepkode F2 en/of C2 onkruiddoder het. Indien hierdie onkruiddoders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die

onkruidpopulasie oorheers. Hierdie weerstandbiedende onkruid sal waarskynlik nie deur **Qwest SC** of enige ander groepkode F2 en/of C2 onkruidbeheer word nie.

Om weerstand teen onkruidodders te verjaag:

- Vermoed die eksklusiewe herhaaldelike gebruik van onkruidodders met dieselfde groepkode. Wissel af met, of gebruik tenkmengsels van, produkte in verskillende onkruidoddergroepkodes.
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in onkruidbeheerprogramme.

Vir spesifieke inligting oor weerstandsbestuur kontak die registrasiehouer van hierdie produk.

GEBRUIKSAANWYSINGS

Gebruik slegs soos aangedui

MENGINSTRUKSIES

Maak die spuittenk halfvol met geskikte water en voeg die benodigde hoeveelheid **Qwest SC** by terwyl water aanhoudend geroer word. Maak die spuittenk tot die finale volume vol. Roer goed om vermenging te verseker voordat die mengsel toegedien word. As tenkmengsels gemaak word met ander middels, moet die betrokke vervaardiger se etiket gevolg word. **Die tenkmengsel moet onmiddellik uitgespuit word en nie toegelaat word om oornag in die spuittenk te staan nie.** Die spuittoerusting moet aan die einde van toediening deeglik uitgewas word. Gebruik slegs skoon water. Waar alkaliese of suur water voorkom moet die pH van die water nagegaan en die spuitoplossing gebuffer word indien nodig.

VERENIGBAARHEID

Die verenigbaarheid van **Qwest SC** met ander produkte hang van die formulering van die betrokke produkte af, asook van die kwaliteit van die spuitwater. Deurdat formulering van tyd tot tyd verander word dit aanbeveel om 'n fisiese verenigbaarheidstoets uit te voer voordat die tenkmengsel gemaak word. **Qwest SC** is verenigbaar met tebuthiuron 500 SC. Wanneer tenkmengsels met tebuthiuron 500 SC gemaak word, vermeng eerstens die produkte apart in klein hoeveelhede water voordat die voormengsels in die spuittenk gegooi word.

TOEDIENINGSMETODES

Maak seker dat die spuittoerusting korrek gekalibreer is en dit moet gedurende die toediening nagegaan word om seker te maak dat die toediening egalig en akkuraat is. Rugsakspuite of 'n konvensionele trekker gemonteerde balkspuit kan gebruik word. 'n Totale spuitvolume van 250 – 400 l/ha moet gebruik word en kan met platwaaierspuitpunte toegedien word; verkieslik die lae-dryf tipe om fyn druppels te voorkom. **Die mengsel moet aanhoudend en deeglik geroer word tydens toediening.** Gebruik net skoon water vir toediening.

Reënval kort na toediening is noodsaaklik om die onkruidodder in die bogrondlae in te loog waar die ontkiemende onkruid voorkom en daarvoor is 10 – 15 mm reën binne 7 dae na toediening nodig om optimale resultate te verseker. Onder droë toestande mag onkruidsaailinge opkom.

Grondtoediening:

Qwest SC mag met enige behoorlike gekalibreerde medium- tot hoëvolume spuit toegedien word wat toegerus is met 'n goeie roermeganisme wat egalige bedekking sal verseker. Beste resultate word verkry deur gebruik te maak van platwaaierspuitpunte en 'n minimum spuitvolume van 250 l/ha. **Qwest SC** moet in 'n onkruidodderprogram as 'n vroeë, gerigte na-opkomsbespuiting van die onkruid toegedien word. Deeglike benatting van onkruid is noodsaaklik. Die byvoeging van 'n benattingsmiddel kan onkruidbeheer verbeter.

SUIKERRIET AANBEVELINGS

- **Qwest SC** moet in 'n onkruidodderprogram as 'n vroeë na-opkomsbespuiting van die onkruid toegedien word.
- Dien as 'n tussenrybespuiting toe en verseker deeglike benatting van die onkruid.
- Die volle effek van **Qwest SC** mag eers 3 – 4 dae na toediening waargeneem word.
- Dien **Qwest SC** in 250 – 400 l water/ha toe afhangende van die digtheid van die onkruid. Die hoër volume moet gebruik word om goeie bedekking te verseker wanneer onkruidpopulasies hoog is.
- **Qwest SC** mag op alle bekende kultivars toegedien word. Voordat **Qwest SC** op nuwe kultivars toegedien word, moet u chemiese verskaffer of die SASA Eksperimentstasie geraadpleeg word.
- **Qwest SC** kan op plant- en opslagsuikerriet toegedien word.
- **Qwest SC** mag nie later as die optimale groeistadium soos aangedui in die onkruidspesie lys, toegedien word nie.

Qwest SC as vroeë na-opkomsbespuiting:

Die volgende onkruid word normaalweg deur Qwest SC beheer teen die aanbevole dosis en groeistadia soos aangedui.

DOSIS	BOTANIESE NAAM	GEWONE NAAM	OPTIMUM GROEISTADIUM
3.33 ℓ Qwest SC in 250 – 400 ℓ water/ha	1. Breëblaaronkruid: <i>Amaranthus spinosus</i> <i>Ciclospermum leptophyllum</i> <i>Commelina benghalensis</i> <i>Convolvulus arvensis</i> <i>Chamaesyce inaequilatera</i> <i>Flaveria bidentis</i> <i>Galinsoga parviflora</i> <i>Hibiscus trionum</i> <i>Ipomoea purpurea</i> <i>Nicandra physaloides</i> <i>Parthenium hysterophorus</i> <i>Portulaca oleracea</i> <i>Richardia brasiliensis</i> <i>Schkuhria pinnata</i> <i>Sida cordifolia</i>	Doringmisbredie Wilde seldery Bengaalse wandelende Jood Akkerwinde Gladdekruijmelkkruid Smeltersbossie Knopkruid Terblansbossie Purperwinde Basterappelliefie Domoniabossie Porslein Tropiese Richardia Kleinkakiebos Hartblaartaaiman	2 – 4 blaar
	2. Grasse <i>Digitaria sanguinalis</i> <i>Eleusine indica</i> <i>Panicum schinzii</i>	Kruisvingergras Jongosgras Soet buffelsgras	2 – 4 blaar
	3. Uintjies: <i>Cyperus esculentus</i>	Geeluintjie	3 – 5 blaar
	4. Onkruid wat onderdruk word 4.1 Breëblaaronkruid: <i>Acalypha ecklonii</i> <i>Ageratum conyzoides</i> <i>Amaranthus deflexus</i> <i>Bidens pilosa</i>	- Indringer Ageratum Meerjarige misbredie Knapsekêrel	2 – 4 blaar
	4.2 Grasse: <i>Panicum maximum</i> <i>Paspalum urvillei</i>	Gewone buffelsgras Langbeen Paspalum	2 – 4 blaar

NOTA:

Die beheer van geeluintjie (*Cyperus esculentus*) sal wisselvallig wees indien **Qwest SC** tydens baie droë toestande in die Middellandgebied van Kwazulu-Natal toegedien word.

Qwest SC en tebuthiuron 500 SC kan vroeg na-opkoms as 'n algehele toediening in 'n tenkmengsel toegedien word.

Die volgende onkruid sal teen die dosisse en groeistadiums van onkruid soos aangedui beheer word. Byvoeging van 'n benattingsmiddel sal die doeltreffendheid van **Qwest SC** verbeter.

DOSIS	BOTANIESE NAAM	GEWONE NAAM	OPTIMUM GROEISTADIUM
2.5 ℓ Qwest SC plus 1.0 ℓ tebuthiuron 500 SC in 250 – 400 ℓ water/ha or 2.0 ℓ Qwest SC plus 1.5 ℓ tebuthiuron 500 SC in 250 – 400 ℓ water/ha	1. Breëblaaronkruid: <i>Amaranthus spinosus</i> <i>Commelina benghalensis</i> <i>Portulaca oleracea</i>	Doringmisbredie Bengaalse Wandelende Jood Porselein	2 – 4 blaar
	2. Grasses <i>Digitaria sanguinalis</i> <i>Eleusine indica</i> <i>Eragrostis ciliaris</i> <i>Eragrostis curvula</i> <i>Panicum maximum</i>	Kruisvingergras Jongosgras - Oulandsgras Gewone buffelsgras	
2.5 ℓ Qwest SC plus 2.0 ℓ tebuthiuron 500	3. Uintjies: <i>Cyperus esculentus</i>	Geeluintjie	3 – 5 blaar

SC in 250 – 400 ℓ
water/ha

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LET WEL:

Die beheer van geeluintjie (*Cyperus esculentus*) sal wisselvalig wees indien **Qwest SC** tydens baie droë toestande in die Middellandgebied van Kwazulu-Natal toegedien word.

