

WARNINGS:

- Poisonous if swallowed.
- May irritate nose, throat and skin. Severe eye irritant.
- **FLAMMABLE - keep away from open flame, heat and sparks.**
- Store in a cool place.
- Store away from food, feed, fertilizer and other agricultural products.
- Keep out of reach of children, uninformed persons and animals.
- Do not use on plant cane.
- **Aerial application:** Notify all inhabitants in the immediate vicinity of the area to be sprayed and issue the necessary warnings.

Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be effective under all conditions. The activity and effect thereof may be affected by factors such as abnormal climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the weed against the remedy, 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 by 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.**
- 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.
- Do not mix, apply or clean equipment within 20 m of any water source.
- 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 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.

SYMPTOMS OF HUMAN POISONING:

Irritation effects on skin and mucous membranes are the common reactions. Causes severe eye irritation. May cause skin irritation and allergic reaction.

FIRST AID TREATMENT:

Skin contact: Remove contaminated clothing as well as shoes and leather goods.

Wash body with non-abrasive soap and lots of water. Persons providing first aid must wear gloves to avoid self-contamination. Seek medical advice if necessary.

Eye contact: Flush eye immediately with large amounts of clean water for approximately 15 minutes. Occasionally lift the upper and lower lids. Call for medical attention immediately.

Inhalation: Remove patient to well ventilated area and loosen clothing around the neck. Perform artificial respiration and administer oxygen if necessary. Keep patient warm and calm. **Seek medical advice immediately.**

Ingestion: Do not induce vomiting. Get medical attention immediately. Administration of gastric lavage or oxygen should be performed by qualified medical personnel. Give small amounts of water by mouth if patient is conscious.

NOTES TO PHYSICIAN:

No specific antidote. Treat symptomatically and supportively. Keep patient under observation.

USE RESTRICTIONS:

- **RANSOM 240 SL** is a leaf and root absorbed herbicide with long residual action. It should be applied prior to or during the period of active growth of weeds. Effects of **RANSOM 240 SL** on existing weeds may be slow to appear and several weeks may be required for the full effect to become visible. The degree of control and duration of effect will depend on the application rate, amount and intensity of rainfall and soil type.
- Heavy rain on very sandy soils low in organic matter as well as food irrigation can reduce weed control performance.
- Do not apply **RANSOM 240 SL** more than once per season on the same land or exceed the recommended rate.
- Do not plant crops other than pineapples or sugarcane within 12 months of **RANSOM 240 SL** application.
- Do not add additional additives, wetters or surfactants to the spray mixture.
- Soil must be deeply and thoroughly ploughed before planting subsequent crops. A test planting is recommended in all cases.
- Do not use **RANSOM 240 SL** on poorly drained soils or soils with a compaction layer, as under these conditions waterlogging can occur and the herbicide may cause crop injury.
- Do not apply **RANSOM 240 SL** to any crop or situation not mentioned in this instruction leaflet.
- Only apply **RANSOM 240 SL** using an accurate and safe application technique.
- If **RANSOM 240 SL** is used in a tank mix with other recommended herbicides, consideration should be given to the restrictions of those respective products.
- Do not apply near desirable plants or trees or on areas where their roots may extend or in locations where the chemical may be washed or moved in contact with their roots.

RESISTANCE WARNING:

For resistance management, **RANSOM 240 SL** is a group code 5 herbicide. Any weed population may contain individuals naturally resistant to **RANSOM 240 SL** 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 **RANSOM 240 SL** or any other group code 5 herbicide.

To delay herbicide resistance:

- Avoid exclusive repeated use of herbicides from the same herbicide group



RANSOM 240 SL

Reg No./Nr.: L 7654: Act/Wet 36 of/van 1947

A soluble liquid concentrate herbicide for the control of various annual grasses and broadleaf weeds in sugarcane.

'n Oplosbare konsentraat onkruidodder vir die beheer van 'n verskeidenheid een-jarige grasse en breëblaaronkruid in suikerriet.

HERBICIDE GROUP CODE

5

ONKRUIDDODER GROEPKODE

ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

Hexazinone (triazine).....240 g/lHeksasienoon (triasien)

Manufacture Date:
Vervaardigingsdatum

Batch No.:
Lotnommer

NET CONTENTS/NETTO INHOUD

**SEE ENCLOSED LEAFLET FOR FULL PARTICULARS
SIEN INGESLOTE VOUBILJET VIR VOLLE BESONDERHEDE**

REGISTRATION HOLDER/REGISTRASIEHOUER:

CEDAR FALL PROPERTIES 130 (Pty) Ltd

Co. Reg. No./Mpy. Reg. Nr.: 2006/031383/07

61 Marshall Drive, Old Mill Industrial Park, Mount Edgecombe, South Africa, 4300 • Tel: 031 003 3486

Poison Information Helpline (24 hrs): 0861 555 777

UN No.: 1170

100838



HARMFUL
SKADELIK



165 x 140

CYAN

MAG

YEL

BLK

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.

The presence of resistant weeds is difficult to detect prior to use and therefore neither the Registration holder nor the Distributor can accept responsibility for any losses as a result of **RANSOM 240 SL** not controlling resistant weeds. Do not apply **RANSOM 240 SL** alone in situations where weed resistance has been confirmed. Sub-standard application of **RANSOM 240 SL** or other group code 5 herbicides will lead to inferior weed control and may assist in development of herbicide resistance.

DIRECTIONS FOR USE: Use only as indicated.

MIXING INSTRUCTIONS:

Half-fill the spray tank with suitable water, then add the required amount of **RANSOM 240 SL** to the water in the tank while agitating. When tank mixing **RANSOM 240 SL** with Diuron or Ametryn, first add the **RANSOM 240 SL** to the tank. Fill the spray tank to the desired volume while agitating. 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. **RANSOM 240 SL** should be applied in 200 – 400 L of water per ha, depending on the density of weeds and applied to the weeds and soil as an overall or directed spray.

COMPATIBILITY:

The compatibility of **RANSOM 240 SL** 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. **RANSOM 240 SL** is compatible with Ametryn (L. 5924) and Diuron 800 SC (L. 5663).

APPLICATION METHOD:

Ensure that the equipment is correctly calibrated and is checked regularly during application to ensure even and accurate application.

GROUND APPLICATION:

Knapsack sprayers or tractor mounted boom sprayers may be used. A spray volume of 200 – 400 L/ha should be used for ground application and can be applied via solid – or hollow cone nozzles. Constant agitation throughout the spray operation is essential. Only clean water should be used. Prevent overdosing by avoiding overlapping of swaths and closing the nozzles while starting, slow movement, turning and stopping.

AERIAL APPLICATION:

Aerial application may only be done by a registered aerial application operator using a registered and correctly calibrated aircraft according to the instructions of SANS 0118 (Aerial Application of Agricultural Remedies). It is important to

ensure that the spray mixture is distributed evenly over the target area and that the loss of spray material during application is restricted to a minimum. It is therefore essential that the following criteria be met:

Equipment:

- Use suitable atomising equipment (hydraulic nozzles or rotary atomisers) that will produce the desired droplet size and coverage of the target area and will ensure the minimum loss of product through drift.
- The operator must use a nozzle set-up that will produce a droplet spectrum with the lowest possible relative span.
- All nozzles and atomisers should be positioned within the inner 75% of the wingspan to prevent droplets from entering the wingtip vortices.

Application parameters:

- A minimum volume of 50 L spray mixture per ha is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy nor be held responsible for any adverse effects if this product is applied aeriually at a lower volume rate than recommended.
- A droplet coverage of 30 – 40 droplets per sq cm must be recovered at the target.
- A droplet spectrum with a VMD of 450 microns is recommended. Ensure that the production of fine droplets, with a VMD less than 150 microns, is restricted to a minimum.
- The height of the spray boom should be maintained at between 3 and 4m above the target.
- Do not spray when the aircraft is in a climb, at the top of a turn or during a dive or when banking.
- Apply before the crop growth becomes too dense, which will interfere with overall plant coverage.

Meteorological conditions:

- The difference between the wet and dry bulb readings as determined by a whirling hygrometer, must not exceed 8 °C.
- Do not spray under turbulent, unstable conditions nor during the heat of the day when rising thermals and downdrafts occur.
- Do not spray under temperature inversion conditions (spraying in or above the inversion layer).
- Do not spray when the wind speed exceeds 15 km per hour.

General:

- Ensure that fields are accurately marked and that the aerial spray operator knows exactly which fields to spray.
- Obtain an assurance form the aerial spray operator that the above requirements will be met.

SUGARCANE RECOMMENDATION:

- Do not use on plant cane crops.
- Where possible, direct the spray mixture so as to avoid spraying directly over the crop foliage, especially under hot and humid conditions.
- For best results, apply **RANSOM 240 SL** mixtures to moist soil when the climate is warm and favourable for active weed and crop development.
- Apply as a uniform overall spray at a pre-emergence or early post-emergence growth stage of weeds. Following harvesting, **RANSOM 240 SL** may be applied

before the weeds have emerged, or in combination with GAP Ametryn or FARMAG Diuron 800 SC very soon after the weeds have emerged.

- **RANSOM 240 SL** alone or in mixtures should control weeds for 8 – 12 weeks.

APPLICATION TABLE – SUGARCANE:

Situation	% Clay	Pre-emergence of weeds	Pre-emergence of weeds		
			RANSOM 240 SL	FARMAG Diuron 800 SC ℓ /ha	GAP Ametryn SC ℓ /ha
Early season ratoon	5 – 15	1,75 – 2,25	P	1,0	3,0
	16 – 35	2,25 – 2,75	L	1,0 – 1,5	O R 3,0 – 4,0
	> 35	2,25 – 3,0	U S	1,5 – 2,0	
Mid-season	5 – 15	1,75 – 2,25	P	1,0	3,0
	16 – 35	2,25 – 2,75	L	1,0 – 1,5	O R 3,0 – 4,0
	> 35	2,0 – 2,25	U S	1,5 – 2,0	
Late season ratoon	5 – 15	1,0 – 1,15	P	1,0	3,0
	16 – 35	2,0	L	1,0 – 1,5	O R 3,0 – 4,0
	> 35	2,25	U S	2,0	

Remarks:

- If *Panicum maximum* has emerged by the time of application, the addition of FARMAG Diuron 800 SC or GAP Ametryn are recommended. Apply prior to tillering of grass weeds or before they have developed a strong root system.
- GAP Ametryn is the preferred tank-mix partner under cooler and drier conditions of spring.
- FARMAG Diuron 800 SC is the preferred tank-mix partner under warm, wet favourable conditions.
- Always use lower rates for light, less absorptive soils having a low cation exchange capacity.

SUGARCANE VERGES AND BREAKS:

% CLAY	DOSAGE ℓ / ha	SPOT TREATMENT	REMARKS
< 20	7,5	7,5 m ℓ	Apply as a directed spray to avoid contact with cane foliage.
21 – 35	11,3	11,3 m ℓ	
>35	15,0	15,0 m ℓ	

Remarks:

- Above dosage rates will extend residual weed control but may not completely kill existing weed growth.

BROADLEAF WEEDS NORMALLY CONTROLLED BY RANSOM 240 SL:

<i>Ageratum conyzoides</i>	Invader Ageratum
<i>Argemone mexicana</i>	Mexican Poppy
<i>Bidens pilosa</i>	Common Blackjack
<i>Chenopodium mirale</i>	Nettle-leaved goosefoot
<i>Cosmos bipinnatus</i>	Cosmos
<i>Datura stramonium</i>	Thorn apple
<i>Emex australis</i>	Spiny emex
<i>Galinsoga parviflora</i>	Gallant soldier
<i>Hibiscus trionum</i>	Bladderweed
<i>Nicandra physaloides</i>	Apple of Peru
<i>Portulaca oleracea</i>	Purslane
<i>Siegesbeckia orientalis</i>	Common St. Paul's wort
<i>Solanum nigrum</i>	Black nightshade

GRASS WEEDS NORMALLY CONTROLLED BY RANSOM 240 SL:

<i>Brachiara eruciformis</i>	Sweet signal grass
<i>Digitaria sanguinalis</i>	Crab finger-grass
<i>Eleusine indica</i>	Goose grass
<i>Panicum maximum</i>	Common buffalo grass
<i>Panicum schinzii</i>	Sweet buffalo grass
<i>Setaria verticillata</i>	Sticky bristle grass
<i>Setaria pallide-fusca</i>	Slender sedge

SEDGES NORMALLY CONTROLLED BY RANSOM 240 SL:

* <i>Cyperus esculentus</i>	Yellow nutsedge
<i>Cyperus distans</i>	Slender cyperus
<i>Fimbristylis dichotoma</i>	Sedge
<i>Fimbristylis hispidula</i>	Slender sedge

*Post emergence only.

Cyperus rotundus is not controlled. *Sorghum verticilliflorum* and established as well as post-tillering *Panicum maximum* are not controlled.

NOTE:

The control of weeds mentioned above is dependent upon environmental conditions.

- Situations with high soil organic matter or excessive dead plant material on the soil surface may reduce the length of residual control obtained.
- Reduced residual control of shallower germinating weeds may occur where application of **RANSOM 240 SL** is made on soils with low organic matter and/ or clay content is followed by heavy rain or irrigation shortly after application.
- Degree of pre-emergence weed control and duration of effect may vary, depending on weed species, environmental conditions and soil conditions

The registration holder does not accept any liability in respect of the control of unlisted weeds.

WAARSKUWINGS:

- Giftig indien ingesluk.
- Mag irritasie van die neus, keel en vel veroorsaak. Erge oog iriterend.
- **Vlambaar – hou weg van hitte, vonke en oop vure.**
- Berg in 'n koel plek
- Berg weg van voedsel en voer kunsmisen ander landbou produkte
- Berg buite bereik van kinders, diere en oningeligte persone.
- Moenie op plantriet gebruik nie.
- **Lugtoediening:** Stel alle inwoners in die onmiddellike omgewing van die gebied wat bespuit gaan word in kennis en reik die nodige waarskuwings uit.

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-, klimaat- 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 of registrasiehouer in die geval van enige onsekerheid.

VOORSORGMATREELS:

- Vermyn inaseming van dampe of spuitnewel.
- Vermyn vel en oog kontak; dra beskermende klere en 'n skermbril indien tydens meng gebruik en hanteering.
- **In geval van kontak met die oë. Spoei die oë deeglik uit met skoon water en kry mediese aandag.**
- Was met seep en koue water na gebruik of na toevallige velkontak.
- Moenie eet, drink of rook tydens vermenging of toediening nie.
- Vermyn oorwaai van spuitnewel na gewenste plante, bome, gewasse en riviere en damme.
- Maak spuittoerusting skoon na gebruik. Gooi afspoel water vliëlig weg waar dit nie gewasse, weiding, riviere, damme of boorgate sal besoedel nie.
- Moenie spuittoerusting binne 20 m van water bronne uitspoel nie.
- Voorkom besmetting van voedsel, eetware, drinkwater en eetgerei.
- **Drie Keer spoei: hou die houer oor die spuitenk en gooi die produk in die spuitenk en hou die houer in die posisie totdat daar nie meer drupels uitloop nie.** Daarna maak die houer met ten minste 10% van sy volume, met water vol en gooi die houer in die spuitenk. Herhaal drie keer.
- Vernetig die houer en moenie vir enige iets anders gebruik nie.

SIMPOME VAN MENSLIKE VERGIFTIGING

Die algemene simptome is irritasie van die vel en slymvliese. Veroorsaak erge oog irritasie. Mag vel irritasie en allergiese reaksie ontken.

NOODHULP BEHANDELING

Vel Kontak: Trek besoedelde klere, skoene en leer goedere uit. Was lyf met 'n sagte seep en baie water. Die persoon wat die noodhulp toedien moet rubber

handskoene dra om hulself te beskerm. Kry mediese raad.

Oog Kontak: Spoei oë dadelik uit met groot hoeveelhede skoon koue water vir ongeveer 15 minute. Tell af en toe laer en boonste ooglede op. Kry dadelik mediese aandag.

Inaseming: Verwyder patient na goed geventileerde area en maak klere om sy nek los. Pas asemhaaling toe en indien nodig dien suurstof toe. Hou patient warm en kalm. **Kry dadelik mediese aandag.**

Insluk: Moenie braaking veroorsaak nie. Kry dadelik mediese aandag. Die behandeling van maagspoel of suurstof toediening moet deur mediese kundige uitgevoer word. Gee klien hoeveelhede water per mond indien die patient nie bewusteloos is nie.

Nota Aan Geneesheer:

Geen spesifieke teenmiddel. Behandel simptome. Hou patient onder observasie.

GEBRUIKSBEPERKING:

- **RANSOM 240 SL** word deur blare en wortels opgeneem en het 'n lang nawerking. Dit moet toegedien word net voor of tydens die aktiewe groei van onkruid. Op bestaande onkruid neem simptome redelik lank om waargeneem te word en mag die uiteindelijke effek eers na weke sigbaar wees. Die mate van beheer en nawerking sal afhang van die dosis, die hoeveelheid en intensiteit van reën
- Swaar reën op sand gronde met lae organise materiaal inhoud en/of vloed besproeiing mag die resultate benadeel.
- Moenie **RANSOM 240 SL** meer as een keer per seisoen op een land toedien nie en moenie die aanbevole hoeveelhede oorskry nie.
- Moet geen ander gewas as pynappels of suikerrit binne 12 maande na toediening plant nie.
- Moenie enige addisionele benattingsmiddels of ander byvoegmiddels byvoeg nie.
- Grond moet diep en deeglik bewerk word alvorens 'n opvolg gewas geplant word. 'n Toetsplant word in alle gevalle aanbeveel.
- Moenie **RANSOM 240 SL** op swak gedreineerde gronde of gronde waar daar 'n kompaksie lag voorkom gebruik nie, want skade aan die gewas kan voorkom.
- Moenie **RANSOM 240 SL** op enige ander gewas of situasie nie hier gemeld nie, toedien.
- Dien net **RANSOM 240 SL** toe met akkurate en veilige tegnieke.
- As **RANSOM 240 SL** in tenkmengsels saam met ander onkruidodder gebruik word, volg die gebruiksbepaling op die produk se etiket.
- Moenie naby wenslike plante of bome of areas waar hulle wortels mag uitreik of gebiede waar die produk na die wortels afgespoel kan word nie.

WEERSTANDSWAARSKUWING

Vir doeleindes van weerstandbestuur, is **RANSOM 240 SL** 'n groepkode 5 onkruidodder. Enige bevolking onkruid kan sommige onkruid bevat wat natuurlik weerstandbiedend is teen **RANSOM 240 SL** en ander groepkode 5 onkruidodders. Indien hierdie groepkode onkruidodders herhaaldelik toegedien word, kan die weerstandbiedende individue uiteindelik die bevolking oorheers. Hierdie weerstandbiedende onkruid sal waarskynlik nie deur **RANSOM 240 SL** of enige ander groepkode 5 onkruidodder beheer word nie.

Ten einde weerstand teen onkruidodders te vertraag:

- Vermyn die uitsluitlike en herhaaldelike gebruik van onkruidodders wat tot

dieselfde groepkode behoort. Wissel af met, of gebruik tenkmengsels van middels van verskillende onkruidodder groepkodes.

- Integreer chemiese middels en verbouingspraktyke in onkruidbeheerprogram. Vir meer inligting oor weerstandsbestuur raadpleeg die registrasiehouer

Die teenwoordigheid van weerstandbiedende onkruid is moeilik om te voorspel alvorens behandel word. Dus kan nóg die Registrasie houer nóg die Verspreider enige verantwoordelikheid aanvaar vir enige verliese waar **RANSOM 240 SL** nie die weerstandbiedende onkruid beheer nie. Moenie **RANSOM 240 SL** alleen toedien nie waar dit bekend is dat weerstandbiedende onkruid teenwoordig is. Swak toediening van **RANSOM 240 SL** of enige ander Groep kode 5 produkte sal lei tot ongewenste onkruid beheer, en mag die weerstandbiedende onkruid bevorder.

GEBRUIKSAANWYSINGS: Gebruik slegs soos aangedui

MENGINSTRUKSIES:

Maak die spuittenk die helfte van benodigde water vol, voeg dan die vereiste volume **RANSOM 240 SL** stadig by, terwyl dit aanhoudend geroer word, tot die **RANSOM 240 SL** heeltemal opgelos en versprei deur die tenk. Wanneer **RANSOM 240 SL** met Ametryn of Diuron in tenk mengsel gebruik word moet die **RANSOM 240 SL** eers in die tenk gegooi word. Voeg dan die verlangde hoeveelheid water by die tenk terwyl aanhoudend geroer word. Sou ander produkte in tenk mengsels saam met **RANSOM 240 SL** gebruik word volg ook die aanwysings op die betrokke etikette.

Tenkmengsels moet dadelik uitgespuit word en nie oornag laat staan nie.

Spoel spuit apparaat deeglik uit na toediening afgehandel is.

Dien **RANSOM 240 SL** in 200 tot 400 liters water per hektaar toe afhangend van die digtheid van die onkruid, met algehele of gerigte bespuiting, om goei bedeking van die onkruid te verseker

VEREENIGBAARHEID.

Die verenigbaarheid van **RANSOM 240 SL** met ander produkte hang af van die formulasie van die produkte sowel as die gehalte van die water wat vir bepuiting gebruik word. Aangesien formulasies van tyd tot tyd verander moet 'n verenigbaarheids toets gedoen word voordat tenkmengsels gemaak word. **RANSOM 240 SL** is verenigbaar met GAP Ametryn (L 5924) and FARMAG Diuron 800 SC (L 5663)

TOEDIENINGSMETODES:

Verseker dat spuit toestel korrek gekalibreer is en gereeld nagegaan tydens toediening om te verseker dat die toediening akkuraat is.

GRONDTOEDIENINGS:

Gebruik rugsakspuite of trekker gemonteerde spuit balke. Dien 200 tot 400 liter spuitmengsel per hektaar toe, met waste of holkeelspuitpunte.

Sorg dat die spuitmengsel aanhoudenend tydens toedieng geroer word.

Gebruik alleenlik skoon water.

Verm y oordosis deur oorvleueling van die spuitbaan te vermy en sluit spuitpunte terwyl trekker stading ry of draai en tot stilstand kom.

LUGTOEDIENING:

RANSOM 240 SL kan deur middel van lugbespuiting toegedien word mits die

vlieener / spuitoperateur geregistreer is en en 'n geregistree vliegtuig wat korrek gekalibreer is volgen die SANS 0118 Kode.

Dit is belangrik dat die spuitstof egalig oor die teikengebied versprei word en die verlies aan spuitmiddel tydens toediening tot 'n minimum beperk word. Ten einde hieraan te voldoen moet die volgende vereistes nagekom word:

Toerusting:

- Gebruik toepaslike atomiserings toerusting (hidrolies of roterende atomiseerders) wat die verlangde druppel grootte en bedeking van die teiken gebied sal lewer met die minimum verlies aan spuitstof.
- Die operateur moet die spuitpunte so instel dat dit 'n drupel spektrum met die laagste relatiewe spanwydte sal produseer.
- Alle spuitpunte en atomiseerders moet so geposisioneer wees binne die 75 % van die vlerkspan om te voorkom dat druppels in die vlerk se "vortek" beland.

Toedienings aanbevelings

- Dien 50 liter spuitmengsel per hektaar toe. Die produk is nie teen laer volumes getoets nie en dus kan die vervaardiger geen verantwoordelikheid neem vir bepuitings teen laer volumes nie.
- 'n Minimum van 30 tot 40 druppels per vierkante sentimeter moet op die teikengebied herwin word.
- Gebruik 'n druppelspektrum met 'n VMD van 450 mikron. Verseker dat kliener drupel groottes met VMD van klein as 150 Mikron tot die minimum beperk word.
- Handhaaf vlieghoogte van 3 tot 4 meter bokant die teikengebied
- Moenie spuit terwyl die vliegtuig klim of draai nie, of tydens dit afduik nie.
- Dien toe voordat die gewas te ruig is nie en die spuitmengsel van die teiken onkruid asper nie.

Meteorologiese toestande

- Die verskil tussen die nat- en droë bollesing, soos met 'n swaai higrometer bepaal, moet nie meer as 8 grade Celsius wees nie
- Moet nie op die hitte van die dag spuit nie waneer turbulansie en rysende lugstrome voorkom nie.
- Moet nie onder temperatuur inversie toestande spuit nie (spuit in of bokant die inversielaag).
- Staak bespuiting sodra die windsnelheid 15 km/h oorskry.

Algemeen

Verseker dat landerye korrek gemerk is en dat die vlieënier ingelig is oor die teiken gebied

- Dit is noodsaaklik om 'n versekering van die spuitoperateur te verkry dat aan bogenoemde vereistes sal voldoen

AANBEVELINGS VIR SUIKERRIT: (RATOENRIET)

- Moenie op plantriet gebruik nie
- Waar moontlik dien toe as 'n gerigte bespuiting en probeer om algehele toediening bo oor die gewas te vermy veral wannneer weer baie warm en vogtig is.
- Vir die beste resultate dien **RANSOM 240 SL** toe op klam grond onder matige klimaat wat gunstig vir aktiewe plant groei.
- Sorg vir egalige bedeking tydens voor of naopkoms toediening van die onkruid. Na oes kan **RANSOM 240 SL** voor opkoms van die onkruid toegedien word of na opkoms saam met Ametryn of Diuron 800 SC in tenkmengsel net

na onkruid ontkiem het.

- **RANSOM 240 SL** alleen, of in tenk mengsels, behoort 8 tot 12 weke beheer te gee.

TOEDIENINGSHOEVEELHEDE: SUKERRIET

Tyd Van Toediening	% Klei	Voor opkoms Van onkruid	Na opkoms van onkruid		
			RANSOM 240 SL	FARMAG Diuron 800 SC ℓ /ha	GAP Ametryn SC ℓ /ha
Vroeë seisoen Ratoen	5 – 15	1,75 – 2,25	P	1,0	3,0
	16 – 35	2,25 – 2,75	L	1,0 – 1,5	3,0 – 4,0
	> 35	2,25 – 3,0	U S	1,5 – 2,0	4,0
Mid-seisoen	5 – 15	1,75 – 2,25	P	1,0	3,0
	16 – 35	2,25 – 2,75	L	1,0 – 1,5	3,0 – 4,0
	> 35	2,0 – 2,25	U S	1,5 – 2,0	4,0
Laat seisoen Ratoen	5 – 15	1,0 – 1,15	P	1,0	3,0
	16 – 35	2,0	L	1,0 – 1,5	3,0 – 4,0
	> 35	2,25	U S	2,0	4,0

OPMERKINGS:

- Indien *Panicum maximum* ten tye van toediening reeds ontkiem het word die byvoeging van FARMAG DIURON 800 SC of GAP AMETRYN SC teen die voorgeskrewe dosisse aanbeveel. Dien op gras onkruid voordat bywortels (tillering) gevorm het en 'n sterk wortels system ontwikkel is.
- Onder koel droë toestande gedurende die lente, moet verkieslik GAP AMETRYN SC in tenkmengsels gebruik word.
- Onder warm, vogtige toestande moet verkieslik FARMAG DIURON 800 SC in tenkmengsels gebruik word.
- Gebruik altyd die laer toediengshoeveelhede op ligte grond met 'n laë absorpsie- en katioonuitruilingsvermoe.

BEHANDEL BUITE OM EN TUSSEN SUKERRIETLANDE:

TOEDIENINGSHOEVEELHEDE: RANSOM 240 SL

GROND-TIPE	DOSIS ℓ / ha	KOLBEHANDELING	OPMERKINGS
< 20	7,5	7,5 ml	Dien toe as 'n gerigte bespuiting sodat die blare van die suikerriet nie raakgespuit word nie.
21 – 35	11,3	11,3 ml	
> 35	15,0	15,0 ml	

Nota:

- Die bogenoemde dosis hoeveelhede sal nawerking bevorder maar mag dalk nie bestande onkruid heeltemal beheer nie.

ONKRUIDE WAT NORMAALWEG DEUR RANSOM 240 SL BEHEER WORD:

Breeblaaronkruid:

<i>Ageratum conyzoides</i>	Ildringer Ageratum
<i>Argemone mexicana</i>	Geelblom bloudissel
<i>Bidens pilosa</i>	Knapsekerel
<i>Chenopodium mirale</i>	Muurhondbossie
<i>Cosmos bipinnatus</i>	Kosmos
<i>Datura stramonium</i>	Stinkblaar
<i>Emex australis</i>	Kaapsedubbeltye
<i>Galinsoya parviflora</i>	Knopkruid
<i>Hibiscus trionum</i>	Terblansbossie
<i>Nicandra physaloides</i>	Basterappelliefie
<i>Portulaca oleracea</i>	Porselein
<i>Siegesbeckia orientalis</i>	Pauluskruid
<i>Solanum nigrum</i>	Nagtergal

Grasse:

<i>Brachiara eruciformis</i>	Litjiesjaalgras
<i>Digitaria sanguinalis</i>	Kruisvingergras
<i>Eleusine indica</i>	Jongosgras
<i>Panicum maximum</i>	Gewone buffelsgras
<i>Panicum schinzii</i>	Soetbuffelsgras
<i>Panicum subalbidum</i>	Elmboogbuffelsgras
<i>Setaria verticillata</i>	Kitsborselgras
<i>Setaria pallide-fusca</i>	Roorborselgras

Cyperus spp.:

* <i>Cyperus esculentus</i>	Geeluintjie slegs naopkoms
<i>Cyperus distans</i>	Fyn Uintjie
<i>Fimbristylis dichotoma</i>	Bliesie
<i>Fimbristylis hispida</i>	Fynbessie

Cyperus rotundus (Rooiuintjie) word nie beheer nie. *Sorghum verticilliflorum* en *Panicum maximum* wat bywortels geskied het of al ontwikkel is sal ook nie beheer word nie.

NOTA:

- Die beheer van die bogenoemde onkruid hang van klimaatstoestand af.
- Waar grond hoë organise materiaal bevat of oortollige plant reste op die oppervlakte van die grond voorkom, mag die naerking van die **RANSOM 240 SL** benadeel word.
- Nawerking op vlak ontkiemende onkruid op lande met baie lae organise inhoud en/of klei inhoud sal benadeel word deur swaar reën of bespoeiing net na toediening.
- Die voor opkoms beheer en nawerking op onkruid mag veranderlik wees volgens spesie, omgewings toestande en grond toestande.
- Die registrasie houer kan geen verantwoordelikeheid aanvaar vir swak beheer van ongelyste onkruid



RANSOM 240 SL

Reg No./Nr.: L 7654: Act/Wet 36 of/van 1947

A soluble liquid concentrate herbicide for the control of various annual grasses and broadleaf weeds in sugarcane.

'n Oplosbare konsentraat onkruidodder vir die beheer van 'n verskeidenheid een-jarige grasse en breëblaaronkruiden in suikerriet.

HERBICIDE GROUP CODE	5	ONKRUIDDODER GROEPKODE
-----------------------------	----------	-------------------------------

ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

Hexazinone (triazine).....240 g/lHeksasienuit (triasien)

Manufacture Date:
Vervaardigingsdatum

Batch No.:
Lotnommer

NET CONTENTS/NETTO INHOUD

**SEE ENCLOSED LEAFLET FOR FULL PARTICULARS
SIEN INGESLOTE VOUBILJET VIR VOLLE BESONDERHEDE**

REGISTRATION HOLDER/REGISTRASIEHOUER:

CEDAR FALL PROPERTIES 130 (Pty) Ltd

Co. Reg. No./Mpy. Reg. Nr.: 2006/031383/07

61 Marshall Drive, Old Mill Industrial Park, Mount Edgecombe, South Africa, 4300 • Tel: 031 003 3486

Poison Information Helpline (24 hrs): 0861 555 777

UN No.: 1170

100838



165 x 140

CYAN

MAG

YEL

BLK