



# FARMAG HEXAZINONE 750 WG

Reg No./Nr.: L 8402: Act/Wet 36 of/van 1947

A water dispersible granule herbicide for the pre-and early post emerge selective control of certain weeds in ratoon sugarcane and non-selective use in sugarcane verges and breaks.

'n Water disperseerbare korrel onkruidodder vir die voor-en-vroeg naopkom selektiewe beheer van sekere onkruid in ratoensuikerriet en vir die nie-selektiewe gebruik in bane tussen en langs suikerrietlande.

<b>HERBICIDE GROUP CODE</b>	<b>C</b>	<b>ONKRUIDDODER GROEPKODE</b>
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## ACTIVE INGREDIENT/AKTIEWE BESTANDEEL:

Hexazinone (triazine) ..... 750 g/kg ..... Heksasinoon (triasien)

Manufacture Date:  
Vervaardigingsdatum

Batch No.:  
Lotnommer

**MASS / MASSA**

 **kg**

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

**REGISTERED AND DISTRIBUTED BY / GEREJISTREER EN VERSPREI DEUR:**

**FARMAG INTERNATIONAL (PTY) LTD/(EDMS.) BPK**

Co. Reg. No. / Mtskpynr: 2005/011761/07

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

**Poison Centre: 082 446 8946**

**UN No./Nr.: 2998**



**HARMFUL  
SKADELIK**





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YELLOW / GEEL BAND

### WARNINGS:

- Poisonous by swallowing.
- Can cause irritation to eyes, nose, throat and skin.
- Keep out of reach of children, uninformed persons and animals.
- Store in the original container in a cool place under lock and key, away from food, feed, fertiliser and seen.
- Do not apply to plant sugarcane.
- Avoid excessive spray swath overlapping and double spraying.
- Re-entry: Do not enter the treated field within 1 day after application unless wearing protective clothing.
- Aerial application: Notify all inhabitants in the immediate vicinity of the area to be sprayed and issue the necessary warning. Do not spray over or allow drift to contaminate water bodies or adjacent areas.

**Although this herbicide 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 weed against the herbicide concerned as well as by the method, time and accuracy of the application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for local 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 event of any uncertainty.**

### PRECAUTIONS:

- Do not inhale dust or spray mist.
- Avoid contact with skin and eyes.
- Wear protective clothing when handling the concentrate (eye protection, rubber boots, and gloves).
- Wash with soap and water after use.
- Wash contaminated clothing thoroughly before re-use.
- Do not eat, drink or smoke whilst mixing or applying or before washing hands and face and change of clothing.
- Prevent contamination of food, feedstuff, eating utensils and drinking water.
- Prevent the drift of spray mist onto other crops, grazing, rivers, dams or areas not under treatment.
- Do not apply near desirable plants or trees (such as windbreaks, ornamental trees or shrubs along roads) or on areas where their roots may extend or in locations where the chemical may be washed or moved into contact with their roots.
- Do not use in area where susceptible crops are to be grown in the foreseeable future.
- Over-application or any use not in accordance with the directions on this label may cause stunting of the crop and other adverse effects.
- Rinse empty container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsings to the contents of the spray tank before destroying the container by perforation and flattening. Never use the container for any other purpose.

### SYMPTOMS OF HUMAN POISONING:

**FARMAG HEXAZINONE 750 WG** may cause eye irritation or skin irritation and an allergic reaction. Nausea, vomiting, abdominal distress and diarrhoea may occur if large quantities are ingested.

### FIRST AID TREATMENT:

**Skin Contact:** Remove the contaminated clothing and shoes. Wash the 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 eyes immediately with large amounts of clean water for approximately 15 minutes. Occasionally lift the upper and lower lids. If eye irritation persists, get medical attention.

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

**Ingestion:** Do not induce vomiting. Get medical attention immediately. Administration of gastric lavage or oxygen should be performed by qualified medical personnel.

### NOTE TO PHYSICIAN:

There is no specific antidote. Treat symptomatically and supportively. Keep the patient under observation. Perform gastric lavage and catharsis if the patient is not unconscious.

**Resistance Warning:** For resistance management **FARMAG HEXAZINONE 750 WG** is a group code C herbicide. Any weed population may contain individuals naturally resistant to **FARMAG HEXAZINONE 750 WG** and other group code C herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. **FARMAG HEXAZINONE 750 WG** or any other group code C herbicide may not control these resistant weeds.

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 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: RATOON SUGAR CANE – Use only as directed.

### SUGARCANE:

- Do not use **FARMAG HEXAZINONE 750 WG** on plant sugarcane crops.
- **FARMAG HEXAZINONE 750 WG** can be used for pre-emerge weed control after harvesting is completed and before weeds have emerged or for early post-emerge weed control in a tank mix with either diuron or ametryn.
- Do not apply directly over the ratoon sugarcane foliage but direct the spray across the inter-row to avoid wetting the crop foliage.
- Apply **FARMAG HEXAZINONE 750 WG** on its own or in a tank mix with Diuron 800 WG or Diuron 800 SC or Ametryn 500 SC in 200 to 400 litres of water/ha according to the season and soil type for residual weed control.

### GENERAL:

- **FARMAG HEXAZINONE 750 WG** herbicide is absorbed by leaves and roots and should be applied prior to or during the period of active weed growth. It has a long residual action.
- Rainfall or irrigation within a few weeks after application will improve weed control.
- The effects of **FARMAG HEXAZINONE 750 WG** on existing weeds are slow to appear. The level and length of weed control will depend on the dosage rate, rainfall and soil type.
- Do not exceed the recommended dosage rate on this label and do not repeat an application during the same growing season.
- Do not plant crops other than sugar cane within 12 months of a **FARMAG HEXAZINONE 750 WG** application. Before replanting to any other crop ensure that the soil is thoroughly ploughed and harrowed.
- Dilute **FARMAG HEXAZINONE 750 WG** with water and apply as an overall broadcast or directed spray to sugarcane in 200 to 400 litres per ha depending on the weed density.
- Avoid direct spray contact with the crop leaves.

### FARMAG HEXAZINONE 750 WG: PRE-EMERGE TREATMENTS AND POST-EMERGE TANK MIXES:

- Add the required quantity of **FARMAG HEXAZINONE 750 WG** to the water in the spray tank while agitating.
- When used in a tank mix with Diuron 800WG or Diuron 800 SC or Ametryn 500 SC, first add **FARMAG HEXAZINONE 750 WG** to the water in the spray tank. Then add the recommended amount of Diuron 800 WG or Diuron 800 SC or Ametryn 500 SC after it has been pre-mixed with water to thin slurry.
- Post-emerge weed control can be improved by adding Beefup Oil to the tank mix.
- Spray the soil surface or emerged weeds with a correctly calibrated aircraft (see aerial application) or a tractor-mounted boom sprayer or knapsack sprayer to give an even spray distribution on the target area.
- Use a spray volume of 200 to 400 litres water per ha with ground spray equipment.
- Agitate the spray mixture continuously during mixing and spraying.
- Best results are obtained when **FARMAG HEXAZINONE 750 WG** and FarmAg Hexazinone 750 WG + Diuron 800 WG or Diuron 800 SC or **FARMAG HEXAZINONE 750 WG** + Ametryn 500 SC mixtures are applied to moist soil and when the climatic conditions are favourable for active weed growth.
- Thoroughly clean all traces of herbicide from application equipment immediately after use. Flush the tank, pumps, hoses and boom with clean water after removing nozzle tips and screens. (Clean these parts separately).

### Aerial Application:

Aerial application of **FARMAG HEXAZINONE 750 WG** may only be done by a registered Aerial Application Operator using a correctly calibrated, registered aircraft according to the instructions of SABS Code 10118 (Aerial Application of Agricultural Pesticides). 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:

- **Volume:** A spray mixture volume of 30 to 35ℓ per hectare is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy, or be held responsible for any adverse effects if this product is applied aerially at a lower volume rate than recommended above.
- **Droplet coverage:** 30 to 40 droplets per cm<sup>2</sup> must be recovered at the target area.
- **Droplet size:** A droplet spectrum with a VMD of 300 to 350 microns is recommended. Limit the production of fine droplets less than 150 microns (high drift and evaporation potential) to a minimum.
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- **Flying height:** Maintain the height of the spray boom at 3 to 4 metres above the target. Do not spray when aircraft dives, is in a climb or when banking.
- Use suitable **atomising equipment** that will produce the desired droplet size and coverage, but which will ensure the minimum loss of product. The spraying system must produce a droplet spectrum with the lowest possible Relative Span.
- Position all the atomisers within the inner 60 to 75% of the wingspan to prevent droplets from entering the **wingtip vortices**.
- The difference in **temperature** between the wet and dry bulb thermometers of a whirling hygrometer, should not exceed 8°C.
- Stop spraying if the **wind** speed exceeds 15 km/h.
- Stop spraying under **turbulent**, unstable and dry conditions during the heat of the day.
- Spraying under temperature **inversion conditions** (spraying in or above the inversion layer) and/or high humidity conditions (relative humidity 80% and above) may lead to the following:
  - reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage).
  - damage to other sensitive crops and/or non-target areas through drifting of the suspended spray could away from the target field.
- Ensure that the Aerial Spray Operator knows exactly which fields to spray.
- Obtain an assurance from the Aerial Spray Operator that the above requirements will be met and that relevant data will be compiled in a logbook and kept for future reference.

### Dosage Rates:

Post emerge applications – it is recommended to use **FARMAG HEXAZINONE 750 WG** for early post-emerge weed control in a tank mix with diuron under warm moist conditions or with ametryn under cool dry conditions.

Time of Application	Soil Type and Percent Clay	Pre-emerge of Weeds	Post-emerge of Weeds
		<b>FARMAG HEXAZINONE 750 WG</b>	<b>FARMAG HEXAZINONE 750 WG + Ametryn 500 SC or Diuron 800 SC or WG</b>
Early Season	Light – Loamy Sand: 5 - 15%	560 – 720 g/ha	+3.0ℓ Ametryn 500 SC or +1.0ℓ/kg Diuron 800 SC/WG
	Loamy Sand – Sandy Clay Loam: 16 – 35%	720 – 880 g/ha	+3.0-4.0ℓ Ametryn 500SC or +1.0-1.5ℓ/kg Diuron 800 SC/WG
	Sandy Clay – Clay (including soils high in organic matter): >35%	800g – 1.0 kg/ha	+4.0ℓ Ametryn 500SC or +1.5-2.0ℓ/kg Diuron 800SC/WG
Mid-Season	Light – Loamy Sand: 5 – 15%	560 – 640 g/ha	+3.0ℓ Ametryn 500SC or +1.0ℓ/kg Diuron 800 SC/WG
	Loamy Sand – Sandy Clay Loam: 16 – 35%	640 – 720 g/ha	+3.0-4.0ℓ Ametryn 500SC or +1.0-1.5ℓ/kg Diuron 800 SC/WG
	Sandy clay – Clay (including soils high in organic matter): >35%	640 – 800 g/ha	+4.0ℓ Ametryn 500 SC or +1.5-2.0ℓ/kg Diuron 800 SC/WG

Time of Application	Soil Type and Percent Clay	Pre-emerge of Weeds	Post-emerge of Weeds
Late Season	Light – Loamy Sand: 5 – 15%	320 – 360 g/ha	+3.0ℓ Ametryn 500SC or +1.0ℓ/kg Diuron 800 SC/WG
	Loamy Sand – Sandy Clay Loam: 16 – 35%	640 g/ha	+3.0-4.0ℓ Ametryn 500SC or +1.0-1.5ℓ/kg Diuron 800 SC/WG
	Sandy clay – Clay (including soils high in organic matter): >35%	720 g/ha	+4.0ℓ Ametryn 500 SC or +1.5-2.0ℓ/kg Diuron 800 SC/WG

### SUGARCANE FIELD VERGES:

- This application is for vegetation management and will not give complete weed control. Some weeds will be controlled and the development of others will be stunted.
- Apply **FARMAG HEXAZINONE 750 WG** in 200 to 400ℓ water per ha as a broadcast post-emerge weed spray.
- Apply when the young weeds are actively growing: grasses should be pre-tillering or very early post-tillering.
- Direct the spray away from the sugarcane to avoid **FARMAG HEXAZINONE 750 WG** contact with the crop.

Soil Type	Dosage per ha	Spot Treatment (per 10m <sup>2</sup> )
Sand and Sandy Loam: <20% clay	2.4 kg	2.4g
Sandy Clay Loam: 21 – 35% clay	3.6 kg	3.6g
Sand Clay to Clay: >35% clay	4.8 kg	4.8 g

### WEEDS CONTROLLED:

**FARMAG HEXAZINONE 750 WG** will control susceptible weeds as the seeds germinate. Post-emerge **FARMAG HEXAZINONE 750 WG** in tank mixes will control susceptible broadleaf weeds up to the 8-leaf stage and grasses pre-tillering.

COMMON NAME	BOTANICAL NAME
<b>BROAD LEAF WEEDS:</b>	
Invading Ageratum	<i>Ageratum conyzoides</i>
Common pigweed	<i>Amaranthus hybridus</i>
Yellow Mexican poppy	<i>Argemone Mexicana</i>
Black jack	<i>Bidens pilosa</i>
Nettle-leaved Goosefoot	<i>Chenopodium murale</i>
Cosmos	<i>Cosmos bipinnatus</i>
Thorn apple	<i>Datura stramonium</i>
Spiny Emex	<i>Emex australis</i>
Gallant soldier	<i>Galinsoga parviflora</i>
Bladder weed	<i>Hibiscus trionum</i>
Apple of Peru	<i>Nicandra physaloides</i>
Purslane	<i>Portulaca oleracea</i>
Flannel weed	<i>Sida rhombifolia</i>
Nightshade	<i>Solanum nigrum</i>
St. Paul's wort	<i>Siegesbeckia orientalis</i>
<b>GRASSES:</b>	
Sweet signal grass	<i>Brachiaria eruciformis</i>
Crab finger grass	<i>Digitaria sanguinalis</i>
Finger grass	<i>Digitaria species</i>
African goose grass	<i>Eleusine coracana</i>
Goose grass	<i>Eleusine indica</i>
Common buffalo grass (pre-tillering)	<i>Panicum maximum</i>
Sweet buffalo grass	<i>Panicum schinzii</i>
Elbow buffalo grass	<i>Panicum subulbidum</i>
Sticky bristle grass	<i>Setaria verticillata</i>
Red bristle grass	<i>Setaria pallide-fusca</i>
<b>SEDGES:</b>	
Yellow nutsedge (post emerge only)	<i>Cyperus esculentus</i>

The following herbicides are registered by FARMAG (Pty) Ltd. (Co. Reg. No. 2005/011761/07) under Act No. 36 of 1947  
GAP Ametryn 500 SC – Reg. No. L 7329  
GAP Diuron 800 SC – Reg. No. L 5663  
GAP Beefup Oil – Reg. No. L 4932  
FarmAg Diuron 800 WG – L 8981



**WAARSKUWINGS:**

- Giffig indien ingesluk.
- Hanteer uiters versigtig.
- Irriterend vir oë, neus, keel en vel.
- Hou buite die bereik van kinders, oningeligte persone en diere.
- Stoor agter slot en grendel, in the oorspronklike houer in 'n koel plek, weg van voedsel, voer, kunsmis en saad.
- Moenie op plant suikerriet gebruik nie.
- Verhoed die oorvleueling van spuitbane en dubbelbespuiting.
- Herbetreding: Moenie die behandelde area betree binne een dag na toediening nie, tensy beskermende klerasie gedra word.
- Lugtoediening: Stel al die bewonders in die onmiddellike omgewing van die gebied wat bespuit gaan word in kennis en reik die nodige waarskuwings uit. Moet nie oor water of aangrensende gebiede spuit of die spuitnewel toelaat om dit te besoedel nie.

<i><b>Alhoewel hierdie onkruiddoder omvattend onder 'n groot verskeidenheid toestande getoets is waarborg die registrasie-houer nie dat die onder alle toestande doeltreffend sal wees nie aangesien die werking en effek daarvan beïnvloed kan word deur faktore soos abnormale grond-, klimaats-, en bergingtoestande; kwaliteit van verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie, en die voorkom van weerstand van onkruid teen die betrokke onkruiddoder, sowel as die metode, tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikeid vir skade aan gewasse, plantegroei, die omgewing of vir nadelige effek op mens of dier, of vir 'n gebrek aan prestasie 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 kan word nie. Raadpleeg die verskaffer in geval van enige onsekerheid.</b></i>
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**VOORSORGMATREËLS:**

- Vermý inaseming van stof en spuitmis.
- Vermý kontak met oë en vel.
- Dra beskermende klere (rubberstewels, handskoene en oogbeskerming) wanneer die konsentraat hanteer word.
- Na gebruik was deeglik met seep en water.
- Was besoedelde klere na gebruik en voor hergebruik.
- Moenie eet, drink of rook tydens vermenging of toediening of voordat hande en gesig gewas en ander klere na gebruik aangetrek is nie.
- Voorkom besoedeling van voedsel, voer, eetgerei en drinkwater.
- Voorkom die oorwaai van spuitmis na ander gewasse, weiding, riviere, damme of gebiede wat nie onder behandeling is nie.
- Moenie toedien naby gewensde plantegroei soos windbreke, bome en struike langs paiae of in die omgewing van sulke plante se wortels of waar die onkruiddoder na sulke plante se wortels kan loog of speel nie.
- Moenie gebruik waar vatbare gewasse binne die afsienbare tyd verbou gaan word nie.
- 'n Te hoë toediening of enige ander aanwending wat nie in ooreenstemming met die aanbevelings op hierdie etiket is nie, kan lei tot gewasskade en ander ongewensde gevolge.
- Spoe! die lêë houer driekeer uit met 'n volume water gelykstaande aan 'n minimum van 10% van die houer. Gooi die spoelwater by die inhoud van die spuittenk voordat die houer vernietig word deur gate daarin te maak en plat te slaan. Moenie die houer vir eenige ander doel gebruik nie.

**SIMPROME VAN MENSLIKE VERGIFTIGING:**

FarmAg Hexazinone 750 WG mag irritasie van die oë of van die vel en 'n allergiese reaksie veroorsaak. Naarheid, braking, abdominale teerheid en diaree kan plaasvind indien groot hoeveelhede mondeliks ingeneem word.

**NOODHULP BEHANDELING:**

**Velkontak:** Verwyder die besoedelde klere, sowel as skoene. Was the hele lyf met 'n sagte seep en baie water. Moenie 'n skuurmiddel gebruik nie. Persone wat noodhulp toedien, moet handskoene dra om selfkontaminasie te voorkom. Soek mediese advies indien benodig.

**Oogkontak:** Was oë onmiddelik uit met groot hoeveelheid skoon water vir ongeveer 15 minute. Lig die onderste en boonste ooglede gedurig. Indien oog irritasie aanhou, soek mediese hulp.

**Inaseming:** Verwyder die person van die bron van vergiftiging na 'n goed eventileerde area en maak klere om die nek los. Pas kunsmatige asemhaling toe en dien suurstof toe indien nodig. Hou pasient warm en gerus.

**Mondelike inname:** Moenie braking induseer nie. Ontbied onmiddelik mediese hulp. Toediening van gastriese reiniging of suurstof moet deur opgeleide mediese personeel toegedien word.

**NOTA AAN GENEESHEER:**

Daar is geen spesifieke teengif nie. Behandel simptomeas en ondersteunend. Hou die pasient onder observasie. Dien gastriese reiniging en suiwering toe indien die pasient nie bewusteloos is nie.

**Weerstandswaarskuwing:** **FARMAG HEXAZINONE 750 WG** is 'n groepkode C onkruiddoder. Enige populasie van 'n spesifieke onkruid mag individue insluit wat 'n natuurlike weerstand teen **FARMAG HEXAZINONE 750 WG**, of enige ander groepkode C onkruiddoder het. Indien hierdie onkruiddoders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die onkruid populasie oorheers. Hierdie weerstandbiedende onkruide sal waarskynlik nie deur **FARMAG HEXAZINONE 750 WG** of enige ander groepkode C onkruiddoder beheer word nie. Om weerstand teen onkruiddoders to vertraag: Vermý die eksklusiewe herhaaldelike gebruik van onkruiddoders met dieselfde groepkode. Wissel af met, of gebruik tenkmengsels van produkte in verskillende onkruiddoder-groepkodes. Integreer ander beheermaatreels (chemise, verbouing, biologies) in die onkruiddoder programme. Vir spesifieke inligting oor weerstandsbestuur kontak die registrasiehouer van hierdie produk.

**GBRUIKSAANWYSINGS: OPSLAGSUIKERRIET – Gebruik slegs soos aanbeveel.**

**SUIKERRIET:**

- Moenie **FARMAG HEXAZINONE 750 WG** op planriet gebruik nie.
- FarmAg Hexazinone 750 WG kan vir vooropkomonkruidbeheer na die voltooiing van oes en voor die opkoms van onkruid of vir vroeg naopkomonkruidbeheer in 'n tenkmengsel met of diuron of ametryn gebruik word.
- Moenie direk op die blare van ratoensuikerriet spuit nie en rig die bespuiting om benatting van die suikerrietblare te vermý.
- Dien **FARMAG HEXAZINONE 750 WG** alleen of in tenkmengsel met Diuron 800 WG of Diuron 800 SC of Ametryn 500 SC in 200 tot 400 liters water/ha vir residuele onkruidbeheer toe soos aangedui vir die grondtipe en tyd van toediening.

**ALGEMEEN:**

- FARMAG HEXAZINONE 750 WG** onkruiddoder word deur blare en wortels opgeneem en dit moet toegedien word net voor of tydens die aktiewe groei van onkruid. Dit het 'n lang nawerking.
- Reënval of besproeiing kort na toediening sal die onkruidbeheer bevorder.
- Die effek van **FARMAG HEXAZINONE 750 WG** op bestaande onkruide neem redelik lank om te verskyn. Die vlak en nawerking van onkruidbeheer sal afhang van die toedieningshoeveelheid, die reënval en die grondtipe.
- Moenie die aanbevole dosis op die etiket oorský nie en moenie die toediening gedurende dieselfde groeiseisoen herhaal nie.
- Moenie enige addisionele benattingsmiddel of ander byvoegmiddel by die spuitmengsel voeg nie.
- Moenie enige ander gewas as suikerriet plant binne 12 maande na die toediening van **FARMAG HEXAZINONE 750 WG** nie. Voordat enige ander gewas geplant word, moet die grond deeglik bewerk word.
- Afhangend van die onkruiddruk moet **FARMAG HEXAZINONE 750 WG** in 200 tot 400 liter water per hektaar as 'n algehele of tussenry gerigte bespuiting gespuit word.
- Vermý direkte spuit kontak met die gewas blare.

**FARMAG HEXAZINONE 750 WG : VOOROPKOMBEHANDELING EN NAOPKOM TENKMENGSELS:**

- Voeg die benodigde **FARMAG HEXAZINONE 750 WG** by die water in die spuitenk terwyl dit geroer word.
- Indien **FARMAG HEXAZINONE 750 WG** in 'n tenkmegsel met Diuron 800 WG of Diuron 800 SC of Ametryn 500 SC gebruik word, voeg eerstens die **FARMAG HEXAZINONE 750 WG** by die water in die sputitenk. Voeg hierna die aanbevole dosis Diuron 800 WG of Diuron 800 SC of Ametryn 500 SC by wat vooraf vermeng is met water tot 'n dun pasta.
- Naopkomonkruidbeheer kan met die byvoeging van Beefup Oil verbeter word.
- Bespuit die grondoppervlakke of die onkruid met 'n korrek gekalibreerde vliegtuig (sien lugbespuiting) of 'n trekkerspruit met spuitbalk of 'n rugsakspuit om 'n egalige spuitneerslag verspreiding op die teiken area te gee.
- Gebruik 'n toedieningsvolume van 200 tot 400 liter water per ha met grond spuittoerusting.
- Roer die spuitmengesel voortdurend gedurende meng en bespuiting.
- Die beste resultaat word verkry wanneer **FARMAG HEXAZINONE 750 WG** of **FARMAG HEXAZINONE 750 WG** + Diuron 800 WG of Diuron 800 SC of **FARMAG HEXAZINONE 750 WG** + Ametryn 500 SC mengsels op klam grond toegedien word en as die weerstoestande gunstig is vir aktiewe onkruidgroei.
- Om alle oorblyfsels van onkruiddoder uit die spuitapparaat te verwyder, spoel die tenk, pype en spuitbalk deeglik uit met skoon water onmiddelik na gebruik en nadat die spuitpunte en siffies uitgehaal is. (Maak hierdie onderdele afsonderlik skoon).

**Lugbespuiting:**

**FARMAG HEXAZINONE 750 WG** kan slegs deur 'n geregistreerde Lugbespuitingsoperateur met 'n korrek gekalibreerde, geregistreerde vliegtuig volgens die instruksies van SABS Kode 10118 (Aerial Application of Agricultural pesticides) uit die lug bespuit word. Verseker dat die spuitmengsel eweredig oor die teikenarea versprei word, en die verlies aan spuitmengsel tydens toediening tot 'n minimum beperk word. Dit is daarom belangrik om aan die volgende vereistes te voldoen:

- Volume:** 'n Spuitmengsel volume van 30 tot 35 liter per ha word aanbeveel. Hierdie produk is nie teen 'n verlaagde volume

getoets nie. Die registrasiehouer kan nie effektiwiteit waarborg, of verantwoordelik gehou word vir enige nadelige effekte indien hierdie produk teen 'n laer volume, as hierbo aanbeveel, toegedien word nie.

- Druppel bedekking:** 30 tot 40 druppels per sm² moet op die teikenarea herwin word.
- Druppelgrootte:** 'n Druppelspektrum met 'n VMD van 300 tot 350 mikrons word aanbeveel. Beperk die produksie van druppels kleiner as 150 mikrons (hoë drywing en verdampingspotensiaal) tot 'n minimum.
- Vleighoogte:** Handhaaf die hoogte van spuitbalk bo die teiken op 3 tot 4 meter. Moet nie spuit wanneer die vliegtuig duik, uitklim of draai nie.
- Gebruik geskikte **atomiseringsapparaat** wat die vereiste druppelgrootte en bedekking sal produseer, maar die minste verlies van produk verseker. Die spuitstelsel moet 'n druppelspektrum met die kleinste moontlike Relatiewe Span produseer.
- Plaas al die atomiseerders in die binnste 60 tot 75% van die vlerkspan om te verhoed dat druppels binne-in die **vlerkpuntvorteks** beweeg.
- Die verskil in **temperatuur** tussen die nat- en droëboltermometer van 'n swaaihigrometer, moet nie 8°C oorskry nie.
- Stop bespuiting indien die **windspoed** 15 km/uur oorskry.
- Bespuiting onder temperatuur **inversie toestande** (deur bo of binne die inversie lag te spuit) en/of **hoë lugvog toestande** (relatiewe humiditeit 80% en meer) mag tot volgende probleme aanleiding gee:
  - verlaagde effektiwiteit aangesien die druppels as 'n wolk in die lug bly hang en moontlike verdamp (onvoldoende bedekking op teiken).
  - skade aan nie-teiken gewasse of sensitiewe areas as gevolg van wegdrywing van die spuitwolk na nie-teiken area.
- Verseker dat die Lugbespuitingsoperateur presies weet watter lande bespuit moet word.
- Dit is noodsaaklik om 'n versekering van die Lugbespuitingsoperateur te verkry dat aan al die bogenoemde vereistes voldoen sal word en dat data van belang in 'n logboek saamgevat is vir toekomstige verwysing.

**Aanbevole Dosisse:**

Naopkomtoediening – dit word aabeveel om **FARMAG HEXAZINONE 750 WG** vir vroegnaopkomonkruidbeheer in 'n Diuron tenkmengsel onder warm, nat toestande of in 'n tenkmengsel met ametryn onder koel, droog toestande te gebruik.

<b>Tyd van Toediening</b>	<b>Grondtipe en Persentasie Klei</b>	<b>Vooropkom van Onkruid</b>	<b>Naopkom van Onkruid</b>
		<b>FARMAG HEXAZINONE 750 WG</b>	<b>FARMAG HEXAZINONE 750 WG</b> + Ametryn 500 SC of Diuron 800 SC of WG
Vroeg Seisoen	Ligte – Sandleem <span> </span> : 5 – 15% <p>Sandleem – Sandkleileem: 16 – 35%</p> <p>Sandklei – klei (insluitend grond met hoë organise materiaal): &gt; 35%</p>	560 – 720 g/ha <p>720 – 880 g/ha</p> <p>800 g – 1.0 kg/ha</p>	+3.0ℓ Ametryn 500 SC of +1.0ℓ/kg Diuron 800 SC/WG <p>+3.0-4.0ℓ Ametryn 500 SC of +1.0 – 1.5ℓ/kg Diuron 800SC/WG</p> <p>+4.0ℓ Ametryn 500 SC of + 1.5 – 2.0ℓ/kg Diuron 800 SC/WG</p>
Mid Seisoen	Ligte – Sandleem: 5 – 15% <p>Sandleem – Sandkleileem: 16 – 35%</p> <p>Sandklei – klei (insluitend grond met hoë organise materiaal): &gt;35%</p>	560 – 640 g/ha <p>640 – 720 g/ha</p> <p>640 – 800 g/ha</p>	+3.0ℓ Ametryn 500 SC of +1.0ℓ/kg Diuron 800 SC/WG <p>+3.0-4.0ℓ Ametryn 500 SC of +1.0 – 1.5ℓ/kg Diuron 800SC/WG</p> <p>+4.0ℓ Ametryn 500 SC of + 1.5 – 2.0ℓ/kg Diuron 800 SC/WG</p>
Laat Seisoen	Ligte – Sandleem: 5 – 15% <p>Sandleem – Sandkleileem: 16 – 35%</p> <p>Sandklei – klei (insluitend grond met hoë organise materiaal): &gt;35%</p>	320 – 360 g/ha <p>640 g/ha</p> <p>720 g/ha</p>	+3.0ℓ Ametryn 500 SC of +1.0ℓ/kg Diuron 800 SC/WG <p>+3.0-4.0ℓ Ametryn 500 SC of +1.0 – 1.5ℓ/kg Diuron 800SC/WG</p> <p>+4.0ℓ Ametryn 500 SC of + 1.5 – 2.0ℓ/kg Diuron 800 SC/WG</p>

**LANGS EN TUSSEN SUIKERREITLANDE:**

- Hierdie toediening is vir plantegroei bestuur en sal nie voledige onkruidbeheer gee nie. Sekere onkruid sal beheer word en die ontwikkeling van ander sal vertraag wees.
- Spuit **FARMAG HEXAZINONE 750 WG** in 200 to 400ℓ water per ha as 'n algehele naopkomonkruid bespuiting.
- Dien toe wanneer die jong onkruid aktiefgroeïend is; grasse moet in die voor-stoel of vroeg nastoelgroei stadium wees.
- Rig die bespuiting weg van die suikerriet om **FARMAG HEXAZINONE 750 WG** kontak met die gewas te vermý.

<b>Grondsoort</b>	<b>Dosis per ha</b>	<b>Kolbehandeling (per 10m²)</b>
Sand en Sanderige Leem: <20% klei	2.4 kg	2.4g
Sandkleileem: 21 – 35% klei	3.6kg	3.5 g
Sanderigeklei en Klei: > 35% klei	4.8 kg	4.8g

**ONKRUID BEHEER:**

**FARMAG HEXAZINONE 750 WG** sal vatbare onkruid met saad ontkieming beheer. Naopkom **FARMAG HEXAZINONE 750 WG** tenkmengsels sal vatbare breëblaaronkruid tot die 8-blaar-groei stadium en voor-stoel stadium van grasse beheer.

<b>GEWONE NAAM</b>	<b>BOTANICAL NAME</b>
<b>BREËBLAARONKRUID:</b> <p>Indringer-Ageratum <p>Gewone misbredie <p>Geelblom bloudissel <p>Knapsekerel <p>Muurhondebossie <p>Kosmos <p>Stinkblaar <p>Kaapse dubbelties <p>Knopkruid <p>Terblansbossie <p>Basterappelliefie <p>Porslein <p>Smalblartaaiman <p>Nastergal <p>Pauluskruid</p></p></p></p></p></p></p></p></p></p></p></p></p></p></p>	<p><i>Ageratum conyzoides</i> <p><i>Amaranthus hybridus</i> <p><i>Argemone mexicana</i> <p><i>Bidens pilosa</i> <p><i>Chenopodium murale</i> <p><i>Cosmos bipinnatus</i> <p><i>Datura stramonium</i> <p><i>Emex australis</i> <p><i>Galinsoga parviflora</i> <p><i>Hibiscus trionum</i> <p><i>Nicandra physaloides</i> <p><i>Portulaca oleracea</i> <p><i>Sida rhombifolia</i> <p><i>Solanum nigrum</i> <p><i>Siegesbeckia orientalis</i></p></p></p></p></p></p></p></p></p></p></p></p></p></p></p>
<b>GRASSE:</b> <p>Lietjiesinjalgras <p>Kruisvingergras <p>Vingergras <p>Jongosgras <p>Osgras <p>Gewone buffelsgras (voerstoel) <p>Soetbuffelsgras <p>Elmboogbuffelsgras <p>Kitsborselgras <p>Rooiborselgras</p></p></p></p></p></p></p></p></p></p>	<p><i>Bracharia eruciformis</i> <p><i>Digitaria sanguinalis</i> <p><i>Digitaria species</i> <p><i>Eleusine coracana</i> <p><i>Eleusine indica</i> <p><i>Panicum maximum</i> <p><i>Panicum schinzii</i> <p><i>Panicum subalbidum</i> <p><i>Setaria verticillata</i> <p><i>Setaria pallide-fusca</i></p></p></p></p></p></p></p></p></p></p>
<b>KRUIDAGTIGES:</b> <p>Geeluintjie (slegs naopkom)</p>	<p><i>Cyperus esculentus</i></p>

Die volgende onkruiddoders deur FARMAG (Edms) Bpk. geregistreer (Mtskpy. Reg. Nr. 2005/011761/07) onder Wet Nr. 36 van 1947
GAP Ametryn 500 SC – Reg. Nr. L 7329
GAP Diuron 800 SC – Reg. Nr. L 5663
GAP Beefup Oil – Reg. Nr. L 4932
FarmAg Diuron 800 WG – Reg. Nr. L 8981