

WARNINGS:

- Poisonous when swallowed.
- Store in a cool dry place away from food, feeds, seed and other agricultural remedies.
- Keep out of reach of children, uninformed persons and animals.
- **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 warnings. Do not spray over or allow the drift to contaminate water 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 climatic and storage conditions, 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 that could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS:

- Avoid inhalation of spray and fumes.
- Wash with soap and water after use.
- Prevent spray drift onto other crops, grazing, rivers, dams or any area not under treatment.
- Prevent contamination of food, drinking water and eating utensils.
- Do not apply where the roots of desirable plants can absorb the chemical
- Mix and load at least 15 m away from boreholes, streams, rivers or dams.
- Do not apply within at least 60 m from dams.
- Ensure that no back siphoning to boreholes take place when Atrazine is applied through the irrigation system.
- Thoroughly wash and rinse spray equipment after use and dispose of wash water where it will not contaminate crops, grazing, rivers and dams.

Important: Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter rinse 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 in the prescribed manner. Destroy empty container by perforation and flattening and never use for any other purpose.

FIRST AID:

Symptoms of human poisoning: possible skin and eye irritation; chronic effects unlikely.

First aid treatments: treat symptomatically.

Skin contact: wash contaminated skin with plenty of soap and water.

Eye contact: Flush contaminated eyes with clean water for at least 15 minutes. Remove contact lenses after initial 2 minutes of rinsing and continue rinsing. If irritation persists contact a physician.

Inhalation: Move the patient to fresh air. If not breathing, give artificial respiration. If breathing is difficult, artificial respiration should be administered by a qualified person. Contact a physician.

Ingestion: Rinse mouth with water. Consult a physician and get medical attention immediately.

Antidote: none known.

Note to physician: A physician should make the decision whether to induce vomiting or not. If lavage is performed, endotracheal and/or oesophageal control is recommended. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. Treat symptomatically according to the clinical condition of the patient.

RESISTANCE WARNING:

For resistance management **FARMAG ATRAZINE 500 SC** is a group code C herbicide. Any weed population may contain individuals naturally resistant to **FARMAG ATRAZINE 500 SC** and other group code C herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. **FARMAG ATRAZINE 500 SC** 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.

USE RESTRICTIONS:

To avoid damage to follow on crops the following waiting periods should be taken into consideration after application of **FARMAG ATRAZINE 500 SC**.

- a. Maize and sugarcane – none.
- b. Grain sorghum - 12 months.
- c. Sunflower, small grain, dry beans, groundnuts, soy beans, fodder sorghum and potatoes – 18 months.
- d. All other crops (a test planting is never the less recommended) – 24 months

Where the total rate of **FARMAG ATRAZINE 500 SC** applied per season does not exceed 2,0 ℓ (1.0 kg atrazine active)/ha, the waiting periods mentioned under b and c can be reduced to 9 months except in the case of sandy soils of North West Province and north west Free State on soils containing 0 – 10 % clay. If more than 2,0 ℓ/ha is applied, all the planting restrictions apply.

Note: The above mentioned waiting periods will only be valid if the correct quantity of **GAP ATRAZINE500 SC** has been applied according to the soil type and an average or rainfall has been experienced during and after the season in which the **FARMAG ATRAZINE 500 SC** has been applied.



FARMAG ATRAZINE 500 SC

Reg No./Nr.: L 7815: Act/Wet 36 of/van 1947

A suspension concentrate herbicide for the control of annual broadleaf weeds and grasses, as listed in maize, grainsorghum, sugarcane and pineapples.

'n Suspensiekonsentraat onkruidodder vir die beheer van eenjarige breëblaaronkruid en grassoorte, soos aangetoon in mielies, grainsorghum, suikerriet en pynappels.

HERBICIDE GROUP CODE	C	ONKRUIDDODERGROEPKODE
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ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

Atrazine (Triazine)485 g/lAtrazine (Triasien)
Other active triazine15 g/lAnder aktiewe triasiene

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

UN No.: 3082



HARMFUL
SKADELIK



165 x 140

CYAN

MAG

YEL

BLK

If **FARMAG ATRAZINE 500 SC** is applied to soils which expand on wetting and crack or crumble on drying out, such as turf soils, **FARMAG ATRAZINE 500 SC** may remain active much longer in the soil than above mentioned waiting periods. Thus **FARMAG ATRAZINE 500 SC** should not be applied to such soils if it is contemplated to plant atrazine sensitive crops in the foreseeable future. On these soils weeds may also not be controlled satisfactorily by a pre-emergence application of atrazine.

Do not apply **FARMAG ATRAZINE 500 SC** to inbred parent lines of maize and grain sorghum cultivars as well as experimental or newly released cultivars without first consulting the manufacturer or seed supplier.

SOME WEED SPECIES NORMALLY CONTROLLED BY FARMAG ATRAZINE 500 SC

BROADLEAF WEEDS

<i>Acanthospermum australe</i>	Australian starbur
<i>Acanthospermum glabratum</i>	Prostrate starbur
<i>Acanthospermum hispidum</i>	Upright starbur
<i>Amaranthus hybridus</i> *	Cape pigweed
<i>Amaranthus spinosus</i>	Thorny pigweed
<i>Amaranthus thunbergii</i>	Red pigweed
<i>Bidens bipinnata</i>	Spanish blackjack
<i>Bidens formosa</i>	Cosmos
<i>Bidens pilosa</i>	Common blackjack
<i>Chenopodium album</i>	White goosefoot
<i>Chenopodium carinatum</i>	Green goosefoot
<i>Cleome monophylla</i>	Single leaf cleome
<i>Cleome rubella</i>	Pretty Lady
<i>Commelina benghalensis</i>	Bengal commelina
<i>Crotalaria sphaerocarpa</i>	Crotalaria
<i>Datura ferox</i>	Common thorn apple
<i>Datura stramonium</i>	Large thorn apple
<i>Galinsoga parviflora</i>	Small flowered quick weed
<i>Gisekia pharmacodes</i>	Gisekia
<i>Hibiscus trionum</i>	Bladder hibiscus
<i>Hibiscus cannabinus</i>	Wild stockrose
<i>Nicandra physaloides</i>	Apple of Peru
<i>Physalis angulata</i>	Wild Physalis
<i>Portulaca oleracea</i>	Common purslane
<i>Richardia brasiliensis</i>	Mexican richardia
<i>Schkuhria pinnata</i>	Dwarf marigold
<i>Tagetes minuta</i>	Tall khakiweed – limited late season control
<i>Vigna vexillata</i>	Wild sweetpea

GRASSES:

<i>Eleusine indica</i>	Goosegrass
<i>Setaria pallide-fusca</i>	Garden bristle grass
<i>Chloris virgata</i>	Feather top chloris
<i>Panicum schinzii</i>	Vlei panicum
<i>Setaria verticillata</i>	Bur bristle grass

If dry conditions prevail for a period of seven to fourteen days after application the following weed species may not be adequately controlled, especially in heavy soils:

<i>Bidens Formosa</i>	cosmos
<i>Datura</i> spp.	thorn apple
<i>Eleusine indica</i>	goose grass
<i>Commelina benghalensis</i>	wandering Jew
<i>Panicum schinzii</i>	vlei panicum
<i>Chloris virgata</i>	feather top chloris

NOTE: Resistant strains of this weed may possibly not be adequately controlled by **FARMAG ATRAZINE 500 SC**.

FARMAG ATRAZINE 500 SC provides variable control of the following weeds:

<i>Tribulus terrestris</i>	common dubbeltjie
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NOTE: This product controls certain grasses and numerous annual broadleaf weeds. Other annual broadleaf weeds that were not present during the development trials with the product, may possibly also be controlled to a certain degree. The registration holder does not accept any responsibility for unlisted weeds.

Under abnormally wet conditions the late season control of weeds may not be adequate. To control a broader spectrum of annual grasses, **FARMAG ATRAZINE 500 SC** can be applied in a tank mixture or as a separate application in combination with one of the registered grass herbicides. **FARMAG ATRAZINE 500 SC** is compatible in a spray mixture with all presently registered grass herbicides.

Consult the labels of the specific grass herbicides for application rates, as well as for the specific **FARMAG ATRAZINE 500 SC** application rates to be used when mixtures are sprayed. The directions for use on labels concerned must be closely followed.

NOTE: Where **FARMAG ATRAZINE 500 SC** is used in combination with EPTC in maize, at least two-thirds of the recommended rate of **FARMAG ATRAZINE 500 SC** according to soil type should be used.

FARMAG ATRAZINE 500 SC is also compatible with registered wetting agents and BROMOXYNIL. When **FARMAG ATRAZINE 500 SC** is mixed with any of the above products, all information on the label concerned must be carefully consulted and the instructions followed.

FARMAG ATRAZINE 500 SC can also be used in a tankmix with 2,4-D Amine (480 g/l, SL) for the control of broadleaf weeds up to 100 mm in height, applied to maize and grain sorghum at any stage before flowering. For application rates and use restrictions consult the tables under **FARMAG ATRAZINE 500 SC**.

DIRECTIONS FOR USE: Use only as directed.

Shake well before use. Replace cap after pouring. Half fill the spray tank with water. Add the required quantity of **FARMAG ATRAZINE 500 SC**. Top up with water. Keep the chemical in continuous suspension by means of agitation. After each day's spraying, flush tank out thoroughly with water.

APPLICATION:

Accurately calibrate spray equipment prior to application. Use fan type nozzles to ensure a uniform coverage.

Pre-emergence:

To control the full **FARMAG ATRAZINE 500 SC** weed spectrum, **FARMAG ATRAZINE 500 SC** must be applied during or immediately after planting in freshly cultivated soil to thereby ensure a weed-free seedbed. The soil should have an even and firm surface, free of large clods.

It is preferable that the rain should follow within 7 to 10 days after application in order to leach the **FARMAG ATRAZINE 500 SC** into the top layer of the soil where it can be absorbed by roots of germinating weeds. If, after application, dry weather conditions should prevail for a period of 7 to 10 days, weeds may germinate and develop. If this happens, a cultivation with a rotary hoe should follow to control these weeds and to incorporate the herbicide into the top layer of the soil.

Post emergence:

When application is made post-emergence to the crop and weeds, broadleaf weeds should not be beyond the seedling stage (two leaf stage) and grasses should not have emerged. Use 200 to 400 litres water per hectare for overall application. Accordingly lesser volumes of water are to be used in the case of band treatment.

Aerial application:

Aerial application of **FARMAG ATRAZINE 500 SC** may only be done by a registered Aerial Application Operator using a correctly calibrated, registered aircraft according to the instructions of SABS Code 0118 (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 litres 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:** 20 to 30 droplets per cm² must be recovered at the target area.
- **Droplet size:** A droplet spectrum with a VMD of 350 to 400 microns is recommended. Limit the production of fine droplets less than 150 microns (high drift and evaporation potential) to a minimum.
- **Flying height:** Maintain the height of the spray boom at 3 to 4 meters 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:
 - a) reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage).
 - b) damage to other sensitive crops and/or non-target areas through drifting of the suspended spray cloud 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.

APPLICATION RATES:

A. MAIZE (Pre-emergence and early post-emergence).

% CLAY	GAP ATRAZINE 500 SC (ℓ/ha)	REMARKS
0 – 10	2,50	These application rates are for overall application of the herbicide. According lesser amounts should be applied per ha of maize in the case of band treatment.
11 – 20	3,25	
21 – 30	4,00	
31 – 40	4,75	
41 – 55	5,00	

B. GRAINSORGHUM

NOTE: Pre-emergence application is only recommended on soil that contains more than 35% clay. Post-emergence application is recommended only on soils containing more than 25 % clay and if the sorghum has at least five leaves at the time of application. Grasses already emerged at time of application will not be controlled.

% CLAY	GAP ATRAZINE 500 SC (ℓ/ha)	REMARKS
0 – 25	Not recommended.	Not recommended.
26 – 30	4,00	Post-emergence only.
31 – 35	4,75	Post-emergence only.
36 – 40	4,75	Pre- and post-emergence.
41 – 55	5,00	Pre- and post emerge

NOTE: Do not apply to areas likely to become waterlogged. Do not apply to soils with high leaching potential and do not irrigate after application. Under cold and/or high rainfall conditions after application, **FARMAG ATRAZINE 500 SC** may damage sorghum, irrespective of soil type. Do not exceed the recommended dosage rates.

C. MAIZE AND GRAINSORGHUM: Post-Emergent application of **FARMAG ATRAZINE 500 SC** plus 2,4-D Amine

CROP	% CLAY	FARMAG ATRAZINE 500 SC (ℓ/ha)	REMARKS
MAIZE	ALL	2,0 + 0,75ℓ 2,4-D Amine (480 g/ℓ)	Apply to actively growing broadleaf weeds, which are not larger than 100 mm. When the crop exceeds 400 mm in height, a directed spray is recommended to ensure improved coverage of the weeds.
GRAIN SORGHUM	> 15	2,0 + 0,75ℓ 2,4-D Amine (480g/ℓ)	Do not apply under cold, or cold and wet conditions as the crop may possibly be affected detrimentally.

D. MAIZE AND SORGHUM: STALE SEEDBED/MINIMUM TILLAGE OR STUBBLE MULCHING.

Where minimum tillage or stubble mulching is practised, weeds may already have come up at time of planting. If maize or grain-sorghum are planted under such circumstances, or into an old seedbed, where grasses have already germinated or broadleaf weeds have develop past the four leaf stage, it is recommended that Paraquat be added to the **FARMAG ATRAZINE 500 SC** spray solution, at a dosage rate as recommended by the manufacturer. The paraquat will destroy the already existing weeds and create a clean pre-emergence condition that will allow **FARMAG ATRAZINE 500 SC** to work effectively.

NOTE:

1. Where Paraquat is added, the application must take place before the crop comes up, because Paraquat will damage the crop plant that may already have emerged.
2. In case of minimum tillage or stubble mulching, the amount of stubble and humus at the soil surface may reduce the efficacy of **FARMAG ATRAZINE 500 SC**. The representative of the manufacturer or distributor should therefore be consulted.

E. SUGARCANE:

For the control of broadleaf weeds on light to medium soils, apply **FARMAG ATRAZINE 500 SC** as a pre-emergence overall spray immediately after planting and before weeds emerge. For best results apply shortly before irrigation or before rain is expected. For control of annual grasses a tank mixture of **FARMAG ATRAZINE 500 SC** with a registered grass herbicide is recommended. Consult the label of the specific grass herbicide for application rates.

SOIL TYPE	% CLAY	FARMAG ATRAZINE 500 SC (ℓ/ha)
Light to medium	0 – 35	2,5

F. PINEAPPLES

% CLAY	FARMAG ATRAZINE 500 SC (ℓ/ha)	REMARKS
0 – 20 21 – 35 Above 35	3,7 + 3,7 ℓ Ametryn 500 SC 5,2 + 5,2ℓ Ametryn 500 SC Not recommended	Early post emergence treatments recommended in situation where a mixed population of grasses and broadleaf weeds occur and where later germinating weeds are a problem.



WAARSKUWINGS

- Giftig indien ingesluk
- Bêre in 'n koel droë plek weg van voedsel en voer sade en ander chemiese middels
- Hou buite bereik van kinders, oningeligte persone en diere.
- **Herbeteiding:** moenie die behandelde gebied binne 1 dag na toediening betree nie tensy beskermende klere gedra word
- **Lugtoediening:** Stel die inwoners in die onmiddellike omgewing van die land wat bespuit word, in kennis en reik die nodige waarskuwings uit. Moenie oor wateroppervlaktes spuit nie en tref voorsorg dat die spuitnewel nie water of aangrensende gebiede 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 klimaats- en bergingstoestande; kwaliteit van verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie en die voorkoms van weerstand van die onkruid teen die betrokke middel sowel as die metode, tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei, die omgewing of vir nadelige effek op mens of dier of vir 'n gebrek aan prestasie and ie betrokke middel as gevolg van die versuim deur 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

- Vermo inaseming van spuitnewel.
- Was met seep en water na gebruik.
- Voorkom besoedeling van ander gewasse, weiding, riviere, damme en enige gebied nie onder behandeling nie.
- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.
- Moenie toedien waar die wortels van gewenste plante/bome die produk kan absorbeer nie.
- Meng en volmaak van spuittoerusting moenie nader as 15 m vanaf boorgate, spruite en riviere en damme plaasvind nie.
- Geen toedienings moet plaasvind nader as 60m vanaf damme nie.
- Geen terugvloei na boorgate of damme mag plaasvind wanneer **FARMAG ATRAZINE 500 SC** deur die besproeiingstelsel toegedien word nie.
- Maak toedieningsapparaat deeglik skoon na gebruik en gooi speelwater uit waar dit nie voedsel, weiding, riviere of damme sal besoedel nie.

BELANGRIK: Keer die leë houër om oor die spuitken en dreiner vir minstens 30 sekondes nadat die vloei tot 'n gedrup verminder het. Spoel die houër daarna drie keer uit met 'n volume water gelykstaande aan 'n minimum van 10% van die houër. Gooi die speelwater by die inhoud van die spuitken voordat die houër op die voorgeskrewe wyse vernietig word. Vernietig leë houër deur gate daarin te maak en plat te druk. Moet vir geen ander doel gebruik word nie.

SIMPTOME VAN VERGIFTIGING

Simptome van menslike vergiftiging. Moontlike vel en oog en kroniese effekte onwaarskynlik.

NOODHULPBEHANDELING

Behandel simptome

Vel kontak: Verwyder besoedelde klere en skoene, spoel die besmette liggasmsdele af met baie water

Oog kontak: Kyk vir en verwyder kontak lense. Besmette oë moet onmiddellik met skoon water vir ten minste 15 minute uitgespoel word. Hou oogdele oop. Koue water mag gebruik word. Kry mediese behandeling.

Inaseming: Indien ingesam word, neem persoon na area met vars lug. Indien die persoon nie asemhaal nie pas kunsmatige asemhaling toe. Indien asemhaling moeilik is gee suurstof. Kry mediese behandeling.

Insluk: Spoel mond met water. Raadpleeg 'n geneesheer en kry dadelik mediese hulp.

Teenmiddel: geen bekend nie

NOTA AAN GENEESHEER:

Behandel simptome. 'n mediese dokter moet besluit of braaking veroorsaak moet word of nie. As maagspoel uitvoer word moet endotrakeale of oesophagale beheer aanbeveel.

Gevaar van long aspirasie moet teenoor die toksisiteit opgeweeg word.

WEERSTANDSWAARSKUWING:

FARMAG ATRAZINE 500 SC is 'n groep C1 onkruidodder. Enige populasie van 'n spesifieke onkruid spesie mag individue insluit wat 'n natuurlike weerstand teen **FARMAG ATRAZINE 500 SC** of enige ander groep C1 onkruidodders het. Indien hierdie onkruidodders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die onkruid populasie oorheers. Hierdie weerstandbiedende onkruid sal waarskynlik nie deur **FARMAG ATRAZINE 500 SC** of enige ander groep C1 onkruidodders beheer word nie.

Om weerstand teen onkruidodders te vertraag:

- Vermo die ekslusiewe herhaaldelike gebruik van onkruidodders met dieselfde groepkode. Wissel of met, of gebruik tenkmengsels van produkte in verskillende onkruidoder groepkodes.
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in onkruidoder programme.

Vir spesifieke inligting oor weerstandsbestuur kontak die registrasiehouer van hierdie produk

GEBRUIKSBEPERKINGS

Om skade aan opvolggewasse te voorkom moet die volgende wagperiodes in ag geneem word tussen behandeling en aanplant van die volgende gewas –

- a. Melies en suikerriet - Geen
- b. Graansorghum - 12 maande
- c. Sonneblomme, grondbone, sojabone aartappels, droëbone, voersorghum & kleingraan - 18 maande
- d. Alle ander gewasse) ('n toetsplanting word egter aanbeveel) - 24 maande

Waar die hoeveelhede toegedien nie 2,0 l (1.0kg atrazine) / ha oorskry nie, kan die wagperiodes onder (b) en (c) hierbo genoem, tot 9 maande verkort word, behalwe op die sand gronde van die Noord Wes Provinsie en Noord-Wes Vrystaat wat 0 - 10 % klei bevat. Indien meer as 2,0 l toegedien word geld alle beperkings vir aanplantings.

NOTA: Bogenoemde wagperiodes geld slegs indien die korrekte Hoeveelheid **FARMAG ATRAZINE 500 SC** per grondsoort toegedien is en normale of boegemiddelde reënval gedurende seisoen waarin **FARMAG ATRAZINE 500 SC** toegedien is en daarna voorgekom het.

Waar **FARMAG ATRAZINE 500 SC** toegedien is aan gronde wat uitsit by natwording en kraak of krummel tydens uitdroging soos bv. turfgronde, mag dit veel langer aktief bly in die grond as wat deur bostaande waggeriodes aangedui word. Gevolglik moet **FARMAG ATRAZINE 500 SC** nie op sodanige gronde toegedien word nie indien dit beoog word om **FARMAG ATRAZINE 500 SC** gevoelige gewasse in die voorsienbare toekoms daarop te plant nie. Op hierdie gronde mag onkruid ook nie bevredigend deur 'n vooropkoms-toediening van **FARMAG ATRAZINE 500 SC** beheer word nie.

Moenie **FARMAG ATRAZINE 500 SC** Toedien aan ingeteelde ouerplante van mielie- en graansorghum baster, proef - of nuutvrygestelde mielie- of graansorghum cultivars sonder om eers die vervaardiger of saadverskaffer te raadpleeg nie.

SOMMIGE ONKRUIDSOORTE WAT NORMAALWEG BEHEER WORD:

BRĒBLAARONKRUIDE

Acanthospermum australe
Acanthospermum glabratum
Acanthospermum hispidum
Amaranthus hybridus
Amaranthus spinosus
Amaranthus thunbergii
Bidens bipinnata
Bidens formosa
Bidens pilosa
Chenopodium album
Chenopodium carinatum
Cleome monophylla
Cleome rubella
Commelina benghalensis
Crotalaria sphaerocarpa
Datura ferox
Datura stramonium
Galinisoga parviflora
Gisekia pharmaceodes
Hibiscus trionum
Hibiscus cannabinus
Nicandra physaloides
Physalis angulata
Portulaca oleracea
Richardia brasiliensis
Schkuhria pinnata
Tagetes minuta

Australiese sterklits
 Kruijsterklits
 Regopsterklits
 Kaapse misbredie
 Doringmisbredie
 Rooimisbredie
 Spaanse knapsekêrel
 Kosmos
 Gewone knapsekêrel
 Withondebossie
 Groen hondebossie
 Enkelblaar cleome
 Mooinoentjie
 Bengaalse commelina
 Wildelusern
 Grootstinkblaar
 Gewone stinkblaar
 Knopkruid
 Gisekia
 Terblansbossie
 Wildestokroos
 Basterappelliefie
 Wilde-appelliefie
 Varkkos
 Meksikaanse Richardia
 Klein kakiebos
 Lang kakiebos (Beperkte laat seisoen beheer)
 Wilde akkerboontjie

Vigna Vexilata

GRASSE

Eleusine Indica
Setaria pallide-fusca
Chloris virgata
Panicum schinzii
Setaria Verticillata

Jongosgras
 Tuinsetaria
 Witpluimchloris
 Vleibuffelsgras
 Kitsborselgras

Indien droë weerstoestande voortduur vir 'n tydperk van 7-14 dae na 'n vooropkomsbespuiting mag die volgende onkruidsoorte nie na wense beheer word nie, veral op swaarder grond:

Bidens Formosa
Datura spp
Eleusine indica
Commelina benghalensis
Panicum schinzii
Chloris virgata

Kosmos
 Stinkblaar
 Jongosgras
 Meksikaanse Richardia
 Vleibuffelsgras
 Witpluimchloris

Let WEL: Weerstand biedende iepes van die onkruid mag moontlik nie na wense beheer word nie. **FARMAG ATRAZINE 500 SC** gee net wisselvallige beheer van: *Tribulus terrestris*- gewone dubbeltjie

NOTA: Hierdie produk behel sekere grasseen verskeie brēblaar onkruid. Ander brēblaar onkruid onkruid wat nie tids die proewe voorgekom het nie, mag wel beheer word maar die registrasie houder kan nie hiervoor verantwoordelikeit aanvaar nie.

Indien abnormal baie nat toestande na toediening heers mag die nawerking nie na wense wees nie. **FARMAG ATRAZINE 500 SC** mag as 'n tenkmensel of opgevolg word met 'n bespuiting van 'n geregistreerde grasdoder. **FARMAG ATRAZINE 500 SC** is verenigbaar met alle tans geregistreerde grasdoders. Volg die aanwysings op die etiket van die gras produk en hou om **FARMAG ATRAZINE 500 SC** in mengsels te gebruik, en kom alle voorskrifte noukeurig na.

NOTA: Wanneer **FARMAG ATRAZINE 500 SC** in kombinasie met EPTC in mielies gebruik word moet ten minste twee derdes van die **FARMAG ATRAZINE 500 SC** dosis gebruik word, na gelang van die grond tipe.

FARMAG ATRAZINE 500 SC is ook verenigbaar met met geregistreerde benatigingsmiddels en Bromoksaniel. Wanneer **FARMAG ATRAZINE 500 SC** saam met enige van die bogenoemde produkte moet die etiket se aanbevelings noukeurig gevolg word.

FARMAG ATRAZINE 500 SC mag in tenk mengsels met 2,4D (480 g/ℓ) om beheer van brēblare tot 100 mm hoog in mielies en graan sorghum tot blom stadium gebruik word. Toedieningshoeveelheid en aanwysings van gebruik word in tabelle hieronder uitgestip.

GEBRUIKSAANWYSINGS: Gebruik alleenlik soos aangedui

Skud baie deeglik net voor gebruik. Plaas deksel terug na gebruik. Maak die spuitkenk halfvol met water. Voeg die aanbevole hoeveelheid **FARMAG ATRAZINE 500 SC** by. Vul die tenk met water. Hou die **FARMAG ATRAZINE 500 SC** in die spuitkenk voortdurend in suspensie deur roering. Aan die einde van die dag moet die spuitkenk met water uitgespoel word.

TOEDIENING

Kalibreer spuittoerusting noukeurig voor toediening. Gebruik platwaaier-tipe spuitpunte om 'n eweredige bedekking te bewerkstellig.

Vooropkoms: Om die volledige reeks onkruid te beheer moet **FARMAG ATRAZINE 500 SC** tydens plant of direk na plant op 'n vars

bwerkte, goed voorbereide saadbed sonder kluite en wat 'n ferm en glyk oppervlak het toegedien word. Dit is verkieslik dat reën binne 7 tot 10 dae na toediening volg sodat die **FARMAG ATRAZINE 500 SC** in die bogrond ingewas kan word, waar dit deur die wortels van ontkiemende onkruid opgeneem word. Indien droë weersomstandighede vir 'n periode van 7 - 10 dae na toediening voortduur, mag onkruid ontkiem en ontwikkel. Waar dit gebeur, word aanbeveel dat 'n baie vlak bewerking met 'n roltandeg uitgevoer word om die onkruid te vernietig en die onkruiddoder met die boonste grondlaag te meng.

Naopkoms: Waar toediening na opkom van die gewas en onkruid geskied, moet breëblaaronkruid nie groter as die saailingstadium (2-blaarstadium) wees nie en grasse nog nie opgekrom het nie. Vir algehele toediening gebruik 200 tot 400 liter water/ha. Gebruik dienoorkomstig minder water in geval van strookbehandeling.

LUGTOEDIENING

FARMAG ATRAZINE 500 SC kan slegs deur 'n geregistreerde Lugbespuitingsoperateur met korrek gekalibreerde, geregistreerde vliegtuig het volgens die instruksies van SANS Kode 0118 (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 ℓ 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.
- **Druppelbedekking:** 20 – 30 druppels / cm² moet op die teikenarea herwin word.
- **Druppelgrootte:** 'n Druppelspektrum met 'n VMD van 350 - 400 mikrons word aanbeveel. Beperk die produksie van druppels kleiner as 150 mikrons (hoë drywing en verdampingspotensiaal) tot 'n minimum.
- **Vlieghoogte:** Handhaaf die hoogte van die spuitbalk bo die teiken op 3 – 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 binne die binne 60 tot 75 % van die vierkantspan om te verhoed dat druppels binne-in die **vierkpuntvorteks** beweeg.
- Die verskil in temperatuur tussen die nat- en droëboltermometer van 'n swaaighrometer moet nie 8°C oorskry nie.
- Stop bespuiting indien die **windspoed** 15km / h oorskry.
- Stop bespuiting tydens **turbulente**, onstabiele en droë toestande gedurende die hitte van die dag.
- Bespuiting onder temperatuur **inversie toestande** (deur bo of binne die inversie laag 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 moontlik 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 data an al die bogenoemde vereistes voldoen sal word en dat data van belang in 'n logboek saamgevat is vir toekomstige verwysing.

A. MIELIES: Voor-opkom en vroeë naopkom

GEWAS/ GROND TIPE	FARMAG ATRAZINE 500 SC DOSIS ℓ / ha	OPMERKINGS
0 - 10 % klei	2,50 ℓ	Hierdie toedieningshoeveelhede is vir algehele toediening van die produk. Vir strookbehandeling moet dienooreenkomstig minder produk per ha toegedien word.
11 - 20 % klei	3,25 ℓ	
21 - 30 % klei	4,00 ℓ	
31 - 40 % klei	4,75 ℓ	
41 - 55 % klei	5,00 ℓ	

B. GRAANSORGHUM

NOTA: Vooropkoms toedienings word net aanbeveel op gronde met meer as 35 % klei. Na opkoms toediens word beperk tot gronde met meer as 25 % klei, en as die sorghum meers as 5 blare het tydens toediening. Grasse wat reeds ontkiem hets al nie beheer word nie.

GEWAS/ GROND TIPE	FARMAG ATRAZINE 500 SC DOSIS ℓ / ha	OPMERKINGS
0 - 10 % klei	2,50 ℓ	Hierdie toedieningshoeveelhede is vir algehele toediening van die produk. Vir strookbehandeling moet dienooreenkomstig minder produk per ha toegedien word.
11 - 20 % klei	3,25 ℓ	
21 - 30 % klei	4,00 ℓ	
31 - 40 % klei	4,75 ℓ	
41 - 55 % klei	5,00 ℓ	

NOTA: Moenie toedien op lande wat moontlik kan versuipt nie.

Moenie op gronde met 'n hoë loogpotensiaal gebruik nie en moenie na toediening besproei nie. Indien koue en/of nat toestande intree nadat **FARMAG ATRAZINE 500 SC** toegedien is, mag Sorghum beskadig word, ongeag die grondsoort. Moenie die aanbevole toedieningshoeveelhede oorskry nie.

C. MIELIES EN GRAANSORGHUM: Na-opkoms toediening van **FARMAG ATRAZINE 500 SC** as 'n tenkmengselsaam met 2,4-D Amien.

GEWAS/ GROND TIPE	% KLEI	FARMAG ATRAZINE 500 SC DOSIS ℓ / ha	OPMERKINGS
MIELIES	Alle grond tipes	2.0 + 0,75 liter 2,4-D Amien (480 g/ℓ)	Spuit op die aktief groeiende breëblaaronkruid wanneer hulle nie hoër as 100 mm is nie. As die gewas alreeds hoër as 400mm is, word gerigte bespuiting aanbeveel om sodoeende beter benutting van die onkruid te verkry. Moet nie onder nat of koue toestande toedien nie, aangesien die gewas onder sulke toestande moontlik benadeel kan word.
GRAANSORGHUM	>15 %	2.0 + 0,75 liter 2,4-D Amien (480 g/ℓ)	Moet nie onder nat of koue toestande toedien nie, aangesien die gewas onder sulke toestande moontlik benadeel kan word.

D. MIELIES EN GRAAN SORGHUM: BRAAK SAADBED/ MINIMUM BEWERKING OF STOPPEL BEDEKKING

Waar Minimum Bewerking Of Stoppel Bedekking toegepas word kan onkruid klaar ontkiem het voor planttyd. Waar mielies en graan sorghum in sulke omstandighede of in braak saadbied, waar grasse alreeds ontkiem het, of breëblare verby die 4 blaar stadium is, word dit aanbeveel dat Paraquat by die **FARMAG ATRAZINE 500 SC** spuit mengsel gevoeg word, teen die dosis wat deur die vervaardige aanbeveel word. Die Paraquat sal die ontkiemde onkruid doodmaak en 'n "skoon" oppervlakte bewerkstellig wat sal toelaat dat die **FARMAG ATRAZINE 500 SC** kan effektief werk.

NOTA

1. Waar Paraquat gebruik is moet die mengsel toegedien word vir die gewas opkom anders sal die paraquat die gewas wat klaar ontkiem het, erg beskadig.
2. Waar Minimum Bewerking Of Stoppel Bedekking toegepas word die hoeveelheid stoppel of plant materiaal op die oppervlakte kan die effek van die **FARMAG ATRAZINE 500 SC** verminder.

E. SUIKERRIET

Vir die beheer van onkruid op ligte tot medium gronde dien **FARMAG ATRAZINE 500 SC** vooropkoms as algehele bespuiting toe, direk na plant en voor onkruid ontkiem. Die beste resultate sal verkry word as die toediening net voor reën of besproeiingtoegedien word. Om eenjarige grasse te beheer moet **FARMAG ATRAZINE 500 SC** in tenk mengsel met grasdoder toegedien word. Raadpleeg die etiket vir alle besonderhede en toedienings hoeveelhede.

GRONDIEPE	% KLEI	FARMAG ATRAZINE 500 SC (ℓ / ha)
Lig tot Medium	0 - 35 %	2.5 ℓ

F. PYNAPPELS

% KLEI	FARMAG ATRAZINE 500 SC (ℓ / ha)	AANWYSINGS
0 - 20 % 21 - 35 % Above 35 %	3,7 ℓ + 3,7 ℓ Ametryn 500 SC 5,2 ℓ + 5,2 ℓ Ametryn 500 SC Nie aanbeveel nie	Vroeg na opkoms behandeling aanbeveel waar gemengde populasie grasse en breëblare voorkom en laat ontkiemende onkruid voorkom.





FARMAG ATRAZINE 500 SC

Reg No./Nr.: L 7815: Act/Wet 36 of/van 1947

A suspension concentrate herbicide for the control of annual broadleaf weeds and grasses, as listed in maize, grainsorghum, sugarcane and pineapples.

'n Suspensiekonsentraat onkruidodder vir die beheer van eenjarige breëblaaronkruid en grassoorte, soos aangetoon in mielies, grainsorghum, suikerriet en pynappels.

HERBICIDE GROUP CODE	C	ONKRUIDDODERGROEPKODE
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ACTIVE INGREDIENT/AKTIEWE BESTANDEDEEL:

Atrazine (Triazine)485 g/lAtrazine (Triasien)
Other active triazine15 g/lAnder aktiewe triasiene

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

UN No.: 3082



HARMFUL
SKADELIK



165 x 140

CYAN

MAG

YEL

BLK