

## WARNINGS

**Hazard Statements:** Harmful if swallowed. May be harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Very toxic to aquatic life with long lasting effects.

- Handle with care.
- Store away from food and feeds.
- Keep out of reach of children, uninformed persons and animals.
- Causes eye irritation.
- Toxic to fish and other aquatic organisms.

**RE-ENTRY INTERVAL:** Do not enter treated area within 1 day after treatment 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 drift to contaminate water or adjacent areas.

**Although this remedy has been extensively tested under a large variety of conditions the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal soil climatic and storage conditions; quality of dilution water; compatibility with other substances not indicated on the label and the occurrence of resistance of the weed against the remedy concerned as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier or registration holder in the event of any uncertainty.**

## PRECAUTIONS

### Precautionary Statements

**General:** If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use.

**Prevention:** Avoid breathing vapours, spray. Wash hands, forearms and face thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** IF SWALLOWED: Call a doctor if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor. Call a doctor if you feel unwell. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Collect spillage.

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

- Do not eat, drink or smoke whilst applying or before washing face and hands.
- Avoid spray drift onto other crops, grazing, rivers, dams and any area not under treatment.
- Prevent contamination of food, feeds, drinking water and utensils.
- **TRIPLE RINSE the empty container as follows:** Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three times in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler ([www.croplife.co.za](http://www.croplife.co.za)). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.
- Destroy empty container and do not use for any other purpose.

## RELEVANT SUBSTANCES

NAME	PRODUCT IDENTIFIER
Pendimethalin TC	CAS-No.: 40487-42-1
chlorobenzene	CAS-No.: 108-90-7
xylene	CAS-No.: 1330-20-7
ricinus oil, ethoxylated	CAS-No.: 61791-12-6
Calcium dodecylbenzenesulfonate	CAS-No.: 26264-06-2

# ALLIGATOR 500 EC

Reg. No. / Nr L9387 Act No. 36 of 1947/ Wet Nr 36 van 1947

HERBICIDE



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

HERBICIDE GROUP CODE

3

ONKRUIDDODER GROEPKODE

A selective pre-emergent emulsifiable concentrate herbicide for the control of annual grasses and broadleaf weeds, as listed, in dry beans, sunflowers, sugarcane, soya-beans and potatoes.

'n Selektiewe emulgeerbare konsentraat vooropkomonkruidodder vir die beheer van eenjarige breëblaaronkruid en grasse, soos aangedui, in droëbone, sonneblomme, sojabone, suikerriet en aartappels.

### ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

Pendimethalin (Dinitroaniline)..... 500 g/l ..... Pendimetalin (Dinitroanilin)



**DANGER**

#### Hazard Statements:

Harmful if swallowed.  
May be harmful in contact with skin.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye damage.  
Very toxic to aquatic life with long lasting effects.

#### Precautionary Statements:

Avoid breathing vapours.  
IF SWALLOWED: Call a doctor if you feel unwell.  
IF ON SKIN: Wash with plenty of soap and water.  
IF IN EYES: Rinse cautiously with water for several minutes.  
Immediately call a doctor.  
If skin irritation or rash occurs: Get medical advice/attention.

Batch No:

D.O.M:

D.O.E:

Net Mass:

See reverse of packaging for details.

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

UN No. / VR Nr: 3082



REGISTRATION HOLDER/ REGISTRASIEHOUER  
Cedar Falls Properties 130 (Pty) Ltd  
Reg. Nr: Reg. No. 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



BARCODE

100170

#### **MODE OF ACTION:**

Microtubule assembly inhibition. Selective herbicide, absorbed by the roots and leaves. Affected plants die shortly after germination or following emergence from the soil.

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

#### **Mixing instructions:**

##### **1. ALLIGATOR 500 EC alone:**

Half-fill the spray tank with water and then add the required quantity of **ALLIGATOR 500 EC** herbicide while agitating continuously. Top up the remainder of tank with water. The spray mixture should be continually agitated. The compatibility of **ALLIGATOR 500 EC** with other chemicals other than GAP DIURON 800 SC (L5663) and DIABLO 800 SC (L8887), is not known. After each days spraying flush tank out thoroughly with water.

##### **2. ALLIGATOR 500 EC tank mixture with GAP DIURON 800 SC (L5663) or DIABLO 800 SC (L8887):**

Half-fill the spray tank with water and then add the required quantity of GAP DIURON 800 SC or DIABLO 800 SC herbicide while agitating continuously. Once complete mixing has occurred add the required quantity of **ALLIGATOR 500 EC** herbicide, while still agitating continuously. Top up the remainder of tank with water. The spray mixture should be continually agitated. After each days spraying flush tank out thoroughly with water.

**Method of Application:** Accurately calibrate the spray apparatus prior to application and check frequently. Apply **ALLIGATOR 500 EC** herbicide to a properly prepared soil, i.e. free of large clods, good tilth, free of weeds and remains of the previous crop. Apply **ALLIGATOR 500 EC** in sufficient water to provide good spray coverage prior to planting the crop.

#### **a. Ground application:**

- Apply 150 to 250 ℓ water/ha using conventional sprayers.
- Use spray pressure of at least 200 kPa.
- Use flat fan type nozzles to ensure a uniform coverage

#### **b. Aerial application:**

Aerial application of **ALLIGATOR 500 EC** may only be done by a registered aerial application operator using a registered and correctly calibrated aircraft according to the instructions of SANS 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. To achieve this it is essential that the following criteria be met;

- **Volume:** A spray mixture volume of 30ℓ 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 cm<sup>2</sup> 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 metres above the target. Do not spray when aircraft dives, is in a climb or when banking.
- Use suitable atomizing 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 atomizers 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 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.

**Method of Incorporation:** For sunflowers, dry beans and soybeans **ALLIGATOR 500 EC** must always be mechanically incorporated before seeding and within 5 days of application. Best results will be obtained if incorporation is carried out within 24 hours of **ALLIGATOR 500 EC** application.

**a. Mechanical incorporation:**

**ALLIGATOR 500 EC** herbicide should be thoroughly mixed into the upper 5 cm of soil. This may be done by using a tandem disc or rotary hoe which should be correctly adjusted and operated. Tandem discs should be set to tillage depth of 7 to 10 cm at 6 to 10 km/hour and the field should be cross disced. Rotary hoes should be set to tillage depth of 5 cm, operated at 5 to 6 km/hour in one direction only.

**b. Water incorporation:**

SUGARCANE ONLY. (See under CROPS AND REMARKS).

**RATES OF APPLICATION**

**1. SUGARCANE (For control of *Rottboellia cochinchinensis*):**

% CLAY	DOSAGE / ha	REMARKS
0 - 20	Not recommended	See NOTES (Sugarcane) below
> 20	4,0 ℓ OR 4,0 ℓ + 2,5 ℓ DIURON 800 SC (L3200)	

**NOTES:**

a. Apply **ALLIGATOR 500 EC** pre-emergence to weeds.

b. Apply to plant cane within 2 days of planting or to ratoon cane within 7 days of cutting.

c. **Water incorporation:** For good control of *Rottboellia cochinchinensis* it is CRITICAL that incorporation of the herbicide by means of 20 to 50 mm sprinkler irrigation must be carried out as soon as possible after herbicide application, and definitely within 3 days of application.

d. Apply GAP DIURON 800 SC (L5663) or DIABLO 800 SC (L8887) in a tank mixture with **ALLIGATOR 500 EC** where control of a broader weed spectrum is desired, see DIURON 800 SC label for weeds controlled.

e. When tank mixing DIURON 800 SC with **ALLIGATOR 500 EC** the directions, restrictions and warnings on the DIURON 800 SC labels must be complied with.

f. Refer back to Notes (a), (b) and (c) above. It is important to note that if weeds are already emerged, or if the specified application timing is not adhered to, or if dry conditions are allowed to prevail then only partial weed control may be achieved.

**2. CROPS OTHER THAN SUGARCANE**

SOIL TYPE	APPLICATION RATE (L/ha)
Light sand to sandy loam (5 to 20 % clay)	2.0 (1.3 **)
Sandy clay loam (21 to 35 % clay)	3.0 (2.0 **)
Sandy clay (36 to 50 % clay)	4.0 (2.6 **)

\*\*The lower rates are only to be used where **ALLIGATOR 500 EC** is mechanically incorporated and only control of annual grasses is required. Do not apply the lower rates by air.

**CROPS AND REMARKS**

CROPS	REMARKS
SUNFLOWERS DRY BEANS ( <i>Phaseolus</i> spp.) SOYBEANS	Seeding can be done immediately after incorporation of the <b>ALLIGATOR 500 EC</b> herbicide and should be done as soon as possible in order to obtain maximum period of weed control. If it is necessary to cultivate following application and incorporation, either before or after planting, do not work the soil deeper than the depth to which the <b>ALLIGATOR 500 EC</b> was incorporated, or else weed control will be less effective.
POTATOES	Apply <b>ALLIGATOR 500 EC</b> herbicide after planting to the levelled soil or pre-made ridges and incorporate mechanically. Use only for Van der Plank, Up-to-Date and BP 1 cultivars. Avoid contact of tubers with treated soil.

**NOTE:** The period of grass weed control obtained with water incorporation of **ALLIGATOR 500 EC** herbicide will be shorter than that obtained by mechanical incorporation of the herbicide.

SOME WEED SPECIES NORMALLY CONTROLLED BY **ALLIGATOR 500 EC** HERBICIDE WHEN USED AT THE HIGHER RATES IN ACCORDANCE WITH DIRECTIONS FOR USE.

**Botanical name****Common name****Annual Grass Weeds**

<i>Brachiara brizantha</i>	Signal grass
<i>Chloris virgata</i>	Feather-top chloris
<i>Chloris pycnothrix</i>	Spiderweb chloris
<i>Digitaria sanguinalis</i>	Crab finger grass
<i>Echinochloa colona</i>	Marsh grass
<i>Echinochloa crusgalli</i>	Barneyard grass
<i>Eleusine indica</i>	Goosegrass Eragrostis spp.
<i>Panicum schinzii</i>	Sweet buffalo grass
<i>Panicum maximum</i>	Common buffalo grass
<i>Rottboellia cochinchinensis</i>	Guinea fowl grass
<i>Setaria pallide-fusca</i>	Red bristle grass
<i>Setaria verticillata</i>	Sticky bristlegrass
<i>Tragus racemosus</i>	Large carrotseed grass
<i>Urochloa panicoides</i>	Herringbone grass

**Annual Broadleaf Weeds**

<i>Amaranthus deflexus</i>	perennial pigweed
<i>Amaranthus hybridus</i>	common pigweed
<i>Amaranthus spinosus</i>	thorny pigweed (variable control)
<i>Amaranthus thunbergii</i>	red pigweed
<i>Chenopodium album</i>	white goosefoot
<i>Portulaca oleracea</i>	purslane

At the lower rates, the above annual grasses will be controlled, and variable control of the annual broadleaf weeds will be obtained.

**Follow-up crops:** Do not plant or replant any crop other than cotton, soybeans, groundnuts, beans (*Phaseolus* spp.) or sunflowers for a period of one year after application of the **ALLIGATOR 500 EC** herbicide. Tobacco may be replanted at any time after **ALLIGATOR 500 EC** herbicide application, provided that the soil is not reworked.



## WAARSKUWINGS

**Gevaarstellings:** Skadelik indien ingesluk. Kan skadelik wees in kontak met die vel. Veroorsaak velirritasie. Kan 'n allergiese velreaksie veroorsaak. Veroorsaak ernstige oogskade. Baie giftig vir waterlewe met langdurige effekte.

- Hanteer versigtig.
- Stoor weg van voedsel en voer.
- Hou buite bereik van kinders, oningeligte persone en diere.
- Veroorsaak oogirritasie.
- Giftig vir visse en ander waterlewende organismes.

**HERBETREDING:** Moet nie behandelde gebied betree vir een (1) dag na bespuiting nie, tensy beskermende oorklere gedra word.

**Lugtoediening:** Stel alle inwoners in die onmiddellike omgewing van die gebied wat gespuit sal word in kennis en reik die nodige waarskuwings uit. Moenie oor die water of aangrensende gebiede spuit of spuitstof daarheen laat wegdryf 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 grond-, klimaats- en bergingstoestande, kwaliteit van verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie en die voorkoms 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 as gevolg van die versuim van die gebruiker om etiketaanwysings na te kom of as gevolg van die ontstaan van toestande wat nie kragtens die registrasie voorsien kon word nie. Raadpleeg die verskaffer in die geval van enige onsekerheid.**

## VOORSORGMAATREËLS

### Voorsorgstellings

**Algemeen:** Indien mediese advies benodig word, hou produkhouer of etiket byderhand. Hou buite bereik van kinders. Lees etiket voor gebruik.

**Voorkoming:** Vermo asemhaling van dampe, sproei. Was hande, voorarms en gesig deeglik na hantering. Moet nie eet, drink of rook wanneer hierdie produk gebruik word nie. Besoedelde werksklere moet nie uit die werkplek toegelaat word nie. Vermo vrylating na die omgewing. Dra beskermende handskoene/beskermende klere/oogbeskerming/gesigbeskerming.

**Reaksie:** INDIEN INGESLUK: Ontbied 'n dokter as jy onwel voel. INDIEN OP DIE VEL: Was met baie seep en water. INDIEN IN OE: Spoel versigtig uit met water vir 'n paar minute. Verwyder kontaklense, indien teenwoordig en maklik om te doen. Gaan voort met spoel. Bel dadelik 'n dokter. Bel 'n dokter as jy onwel voel. Indien velirritasie of uitslag voorkom: Kry mediese advies/aandag. Trek besoedelde klere uit en was dit voor hergebruik. Versamel gemors.

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

- Moenie eet, drink of rook tydens toediening of voordat hande en gesig gewas is nie.
- Voorkom oorwaai van spuitstof op ander gewasse, weiding, riviere, damme en enige ander gebied wat nie behandel moet word nie.
- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.
- **SPOEL die leë houer DRIEKEER UIT soos volg:** Keer die leë houer om oor die spuit- of mengtenk en dreineer vir ten minste 30 sekondes nadat die vloeitot drup verlangsam het. Spoel die leë houer daarna drie keer agtereenvolgens uit met een kwart van die houervolume vars water en gooi die speelwater in die spuit- of mengtenk. Prik die drievoudig uitgespoelde houer deur en gooi weg via 'n goedgekeurde versamelaar of herwinner ([www.croplife.co.za](http://www.croplife.co.za)). Moetnie die houer begrawe, verbrand of skenk aan enige ander partye wat dit as 'n houer vir kos of drank kan gebruik nie.
- Vernietig leë houer en moet vir geen ander doel gebruik nie.

## RELEVANTE STOWWE

NAAM	PRODUK IDENTIFISEERDER
Pendimetalien TS	CAS-Nr.: 40487-42-1
Chloorbenseen	CAS-Nr.: 108-90-7
Xileen	CAS-Nr.: 1330-20-7
Ricinus-olie, geëksileerde	CAS-Nr.: 61791-12-6
Kalsiumdodesielbenseensulfonaat	CAS-Nr.: 26264-06-2

## WYSE VAN AKSIE

Inhibisie van mikrotubulussamestelling. Selektiewe onkruidodder, geabsorbeer deur die wortels en blare. Geaffekteerde plante vrek kort na ontkieming of na opkoms uit die grond.

**GEBRUIKSAANWYSINGS:** Gebruik slegs soos aangedui

### Vermenging:

#### 1. ALLIGATOR 500 EC alleen:

Maak die spuittenk halfvol met water en voeg dan die benodigde hoeveelheid **ALLIGATOR 500 EC** by, terwyl voortdurend geroeer word. Vul die tenk verder met water. Die spuitmengsel moet voortdurend geroeer word. Die mengbaarheid van **ALLIGATOR 500 EC** met ander middels, behalwe GAP DIURON 800 SC (L5663) of DIABLO 800 SC (L8887), is nie bekend nie. Aan die einde van die dag moet die spuittenk deeglik met water uitgespoel word.

#### 2. ALLIGATOR 500 EC tenkmengsel met GAP DIURON 800 SC (L5663) of DIABLO 800 SC (L8887):

Maak die spuittenk halfvol met water en voeg dan die benodigde hoeveelheid GAP DIURON 800 SC (L5663) of DIABLO 800 SC (L8887) by, terwyl voortdurend geroeer word. Sodra volledige vermenging plaasgevind het, voeg dan die benodigde hoeveelheid **ALLIGATOR 500 EC** by, terwyl steeds voortdurend geroeer word. Vul die tenk verder met water. Die spuitmengsel moet voortdurend geroeer word. Aan die einde van die dag moet die spuittenk deeglik met water uitgespoel word.

**Toediening:** Kalibreer die spuitapparaat noukeurig voordat toegedien word en gaan dikwels na. Dien **ALLIGATOR 500 EC** onkruidodder toe op deeglik voorbereide grond, d.w.s. vry van groot kluite, goeie tekstuur, vry van onkruid en reste van die vorige oes. Dien **ALLIGATOR 500 EC** toe in genoeg water om deeglike spuitbedekking te verseker voordat die gewas geplant word.

#### a. Grondtoediening:

- Deur gebruik te maak van konvensionele spuittoerusting dien 150 tot 250 ℓ water/ha toe.
- Gebruik 'n spuitdruk van ten minste 200 kPa.
- Gebruik plat waaiertipe spuitkoppe om 'n eweredige bedekking te verseker.

#### b. Lugtoediening:

**ALLIGATOR 500 EC** kan slegs deur 'n geregistreerde Lugbespuitingsoperateur met 'n korrek gekalibreerde, geregistreerde vliegtuig volgens die instruksies van SANS 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 liter per hektaar 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 tot 30 druppels per cm<sup>2</sup> moet op die teikenarea herwin word.
- **Druppelgrootte:** 'n Druppelspektrum met 'n VMD van 350 tot 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 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 binneste 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 swaaihgrometer, moet nie 8°C oorskry nie.
- Stop bespuiting indien die windspoed 15 km/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 dat aan al die bogenoemde vereistes voldoen sal word en dat data van belang in 'n logboek saamgevat is vir toekomstige verwysing. Inwerkingsmetode: In die geval van droë- en sojabone moet **ALLIGATOR 500 EC** altyd meganies ingewerk word voor planting en binne 5 dae na bespuiting. Die beste resultate sal verkry word as inwerking binne 24



uur na **ALLIGATOR 500 EC** toediening geskied.

**a. Meganiese inwerking:**

**ALLIGATOR 500 EC** onkruidodder moet deeglik met die boonste 5 cm grond vermeng word. Dit kan gedoen word deur gebruik te maak van 'n tandemskotteleg of rolkaploeg, maar moet korrek ingestel en hanteer word. 'n Tandemskotteleg moet gestel word op 'n werkdiepte van 7 tot 10 cm. Kruisbeker die land teen 'n snelheid van 6 tot 10 km/uur. Rolkaploeg moet gestel word tot 'n werkdiepte van 5 cm en moet teen 5 tot 6 km/uur in een rigting bewerk word.

**b. Inwerking deur middel van besproeiing:**

VIR GEBRUIK SLEGS OP SUIKERRIET (Kyk **GEWASSE EN OPMERKINGS**).

**TOEDIENINGSHOEVEELHEID**

**1. SUIKERRIET (Vir die beheer van *Rottboelia cochinchinensis*)**

%KLEI	ALLIGATOR 500 EC DOSIS / ha	OPMERKINGS
0 - 20	Nie aanbeveel nie	Sien NOTAS (Suikerriet) onder
> 20	4,0 ℓ OF 4,0 ℓ + 2,5 ℓ DIURON 800 SC (L3200)	

**NOTAS:**

a. Dien **ALLIGATOR 500 EC** vooropkoms van onkruid toe.

b. Dien toe op planriet binne 2 dae vanaf plant of op ratoenriet binne 7 dae vanaf sny.

c. Inwerking deur middel van sprinkelbesproeiing: Vir goeie beheer van *Rottboelia cochinchinensis* is dit KRITIEK dat 20 tot 50 mm sprinkelbesproeiing moet geskied so gou moontlik nadat die onkruidodder toegedien is en beslis binne 3 dae na toediening.

d. Dien DIURON 800 SC (L3200) in 'n tenkmengsel saam met **ALLIGATOR 500 EC** toe waar beheer van 'n breër onkruidspektrum verlang word, sien DIURON 800 SC etiket vir onkruid beheer.

e. Wanneer DIURON 800 SC saam met **ALLIGATOR 500 EC** in 'n tenkmengsel gebruik word, moet die gebruiksaanwysings, beperkings en waarskuwings op die DIURON 800 SC etiket nagevolg word.

f. Verwys terug na notas (a), (b) en (c) hierbo. Dit is belangrik om kennis te neem dat indien onkruid reeds opgekom het, of indien die neergelegde toedieningstryd nie nagekom word nie, of indien droë toestande toegelaat word om te heers, dan mag net gedeeltelike onkruidbeheer verkry word.

**2. GEWASSEBEHALWESUIKERRIET:**

GRONDTIPE	TOEDIENINGSHOEVEELHEID (ℓ/ha)
Ligte sand tot sandleem (5 tot 20 % klei)	2.0 (1.3 **)
Sanderige kleileem (21 tot 35 % klei)	3.0 (2.0 **)
Sanderige klei (36 tot 50 % klei)	4.0 (2.6 **)

\*\* Die laer toedieningshoeveelheid is slegs vir gebruik waar **ALLIGATOR 500 EC** meganies ingewerk word en slegs beheer van eenjarige grasse verlang word. Moet nie die laer toedieningshoeveelheid met lugbespuiting gebruik nie.

## GEWASSE EN OPMERKINGS

GEWASSE	OPMERKINGS
<b>SONNEBLOMME DROËBONE (<i>Phaseolus</i> spp.) SOJABONE</b>	Daar kan onmiddellik na inwerking van die <b>ALLIGATOR 500 EC</b> onkruidodder geplant word. Dit is raadsaam om so gou moontlik na toediening te plant om sodoende die maksimum tydperk van onkruidbeheer te verkry. Indien die grond bewerk moet word nadat <b>ALLIGATOR 500 EC</b> onkruidodder toegedien en ingewerk is, moet dit nie dieper wees as die vlak waarteen ingewerk is nie, anders sal beheer verswak.
<b>AARTAPPELS</b>	Die <b>ALLIGATOR 500 EC</b> onkruidodder moet na plant op die gelyk oppervlakte of voorbereide riwwe toegedien en meganies ingewerk word. Gebruik net vir Van der Plank, Up-to-Date en B.P.1 kultivars. Verhoed kontak van moere met behandelde grond.

**NOTA:** Die periode van grasbeheer, wanneer inwerking van **ALLIGATOR 500 EC** deur middel van sprinkelbesproeiing gesked, sal korter wees as dié verkry deur die meganiese inwerking van die onkruidodder.

SOMMIGE ONKRUIDSOORTE WAT NORMAALWEG DEUR **ALLIGATOR 500 EC** TEEN DIE HOËR TOEDIENINGSHOEVEELHEDE BEHEER WORD, INDIEN GEBRUIKSAANWYSINGS KORREK GEVOLG WORD.

### Botaniese naam

### Gewonenaam

#### Eenjarige Grasse

*Brachiara brizantha*  
*Chloris virgata*  
*Chloris pycnothrix*  
*Digitaria sanguinalis*  
*Echinochloa colona*  
*Echinochloa crus-galli*  
*Eleusine indica*  
*Eragrostis* spp.  
*Panicum schinzii*  
*Panicum maximum*  
*Rottboellia cochinchinensis*  
*Setaria pallide-fusca*  
*Setaria verticillata*  
*Tragus racemosus*  
*Urochloa panicoides*

Broodsinjaalgras  
witpluim-chloris  
spinnerak-chloris  
Kruisingergras  
Moerasgras  
Hanepootmanna  
Jongosgras  
Eragrostis  
Soetbuffelsgras  
gewone buffelsgras  
Tarentaalgras  
Rooiborselgras  
Klitsborselgras  
groot wortelsaadgras  
Beesgras

#### Eenjarige Breëblaar onkruid

*Amaranthus deflexus*  
*Amaranthus hybridus*  
*Amaranthus spinosus*  
*Amaranthus thunbergii*  
*Chenopodium album*  
*Portulaca oleracea*

meerjarige misbredie  
gewone misbredie  
Doringmisbredie (wisselvallige beheer)  
Roomimisbredie  
Withondbossie  
Porslein

Teen die laer toedieningshoeveelhede sal die bogenoemde eenjarige grasse beheer word en wisselvallige beheer van die eenjarige breëblaaronkruid sal verkry word.

**Opvolggewasse:** Moet nie enige gewas behalwe katoen, sojabone, grondbone, sonneblom of boontjies (*Phaseolus* spp.) binne 'n tydperk van een jaar plant, na toediening van **ALLIGATOR 500 EC** onkruidodder nie.



# ALLIGATOR 500 EC

Reg. No. / Nr L9387 Act No. 36 of 1947/ Wet Nr 36 van 1947

HERBICIDE



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

HERBICIDE GROUP CODE

3

ONKRUIDDODER GROEPKODE

A selective pre-emergent emulsifiable concentrate herbicide for the control of annual grasses and broadleaf weeds, as listed, in dry beans, sunflowers, sugarcane, soya-beans and potatoes.

'n Selektiewe emulgeerbare konsentraat vooropkomkruiddoder vir die beheer van eenjarige breëblaaronkruid en grasse, soos aangedui, in droëbone, sonneblomme, sojabone, suikerriet en aartappels.

### ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

Pendimethalin (Dinitroaniline)..... 500 g/l ..... Pendimetalin (Dinitroanilin)



**DANGER**

#### Hazard Statements:

Harmful if swallowed.  
May be harmful in contact with skin.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye damage.  
Very toxic to aquatic life with long lasting effects.

#### Precautionary Statements:

Avoid breathing vapours.  
IF SWALLOWED: Call a doctor if you feel unwell.  
IF ON SKIN: Wash with plenty of soap and water.  
IF IN EYES: Rinse cautiously with water for several minutes.  
Immediately call a doctor.  
If skin irritation or rash occurs: Get medical advice/attention.

Batch No:

D.O.M:

D.O.E:

Net Mass:

See reverse of packaging for details.

FOR FULL PARTICULARS SEE ATTACHED PAMPHLET.

VIR VOLLEDIGE BESONDERHEDE KYK AANGEHEGTE ETIKET.

UN No. / VR Nr: 3082



REGISTRATION HOLDER/ REGISTRASIEHOUER

Cedar Falls Properties 130 (Pty) Ltd  
Reg. Nr.: Reg. No. 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



BARCODE

100170

165(H) x 140(W) mm

CYAN

MAG

YEL

BLK

100170