



## ACETOGAN 900 EC

Reg. no. / Reg. nr L8269 Act / Wet 36 of / van 1947

An emulsifiable concentrate herbicide applied pre-emergence on weeds as listed below in Cotton, <i>Eucalyptus</i> plantations, Groundnuts, Maize, Potatoes and Sugarcane.	'n Emulsifiseerbare konsentraat onkruidodder wat onkruid soos hieronder gelys, vooropkom beheer in Katoen, Aartappels, <i>Eucalyptus</i> plantasies, Grondbone, Mielies en Suikerriet.
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HRAC HERBICIDE GROUP CODE	K 3	HRAC ONKRUIDDODER GROEPKODE
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### ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL

Acetochlor (chloroacetamide)

900 g / ℓ

Asetochloor (chloorasetamied)

NET VOLUME / NETTO VOLUME

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### REGISTRATION HOLDER / REGISTRASIEHOUER

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Batch number ..... Lotnommer

Date of manufacture ..... Vervaardigingsdatum

UN No: 3082



**CAUTION  
VERSIGTIG**



## WARNINGS

- Poisonous if swallowed.
- Slightly irritating to eyes.
- Toxic to aquatic organisms.
- Store in a cool, dry place away from food, feed, eating utensils and drinking water
- Keep **ACETOGAN 900 EC** container tightly closed and under lock and key, out of reach of children, uninformed persons and animals.
- **Aerial application:** Notify all inhabitants in the immediate 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 guarantee that it will be effective under all conditions. The activity 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 weeds against the remedy as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure by the user to follow the label instructions, or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.**

## PRECAUTIONS

- Do not eat, drink or smoke while handling this product or before hands and face are washed.
- Avoid inhaling the spray mist.
- Wear a face shield and rubber gloves when handling this product.
- Wash immediately after accidental skin contact with soap and cold water. Take off contaminated clothing and wash immediately.
- Avoid spray drift onto other crops, grazing, rivers, dams or any other area not under treatment.
- Avoid contamination of food, feed, drinking water, eating utensils, seed, fertilizer and other agricultural chemicals.
- 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 the container three times with a volume of water equal to a minimum of 10 % of that of the container. Add the rinsings to the spray tank. Thereafter perforate and flatten the container. Do not re-use for any other purpose.
- Clean the applicator thoroughly after use and dispose of wash water where it will not contaminate crops, rivers or dams.

## RESISTANCE WARNING

For resistance management **ACETOGAN 900 EC** is a group code K 3 herbicide. Any weed population may contain individuals naturally resistant to **ACETOGAN 900 EC** and other group code K 3 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **ACETOGAN 900 EC** or any group code K 3 herbicides. To delay herbicide resistance:

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

For specific information contact the local distributor agent or the registration holder of this product.

## USE RESTRICTIONS

- Do not use **ACETOGAN 900 EC** on experimental, newly released seed hybrids or inbred parent lines without first consulting with your seed supplier or herbicide company concerned.
- Poorly drained soils and soils with a compaction layer can cause water logging which might lead to crop injury if **ACETOGAN 900 EC** is used in these conditions.
- When **ACETOGAN 900 EC** is tank mixed with other chemicals, the restrictions and warnings on the labels of the other chemicals should be adhered to.

## DIRECTIONS FOR USE

Use only as directed

## COMPATIBILITY

No cases of incompatibility with other agricultural chemicals have been reported. If a tank mix is to be made with other chemicals, mix small quantities of the chemicals in water and add together while stirring. Check for any signs of incompatibility e.g. separation, flocculation, etc. When using in combination with other pesticides, read the labels and adhere to all the label recommendations.

## MIXING INSTRUCTIONS

Shake the container well before use. Half fill the spray tank with clean water. Pre-mix the required volume of **ACETOGAN 900 EC** separately in a small amount of water and add to the spray tank while agitating. Fill the spray tank with water to the mark while agitating. Ensure thorough agitation during mixing and application. Mix only sufficient spray mixture to be used on the same day. Do not allow the spray mixture to stand overnight.

## APPLICATION

### 1) Ground application

**ACETOGAN 900 EC** can be applied by any suitable medium to high volume spray apparatus provided it is equipped with an efficient agitating mechanism, it is correctly calibrated and it is able to distribute the spray mixture evenly over the target area. It is recommended that the spray boom is fitted with suitable flat fan nozzles and that a minimum of 200 l spray mixture per ha is used.

**ACETOGAN 900 EC** must be applied as soon as possible, and preferably before the weeds germinate (see individual crop recommendations below). The seedbed must be fine, firm, even and without any weed growth or an excessive amount of plant rests.

Continuous rain or irrigation of at least 15 mm is needed after application to leach the active into the soil to the weed germination zone. If it does not rain and weeds start to germinate, a shallow cultivation can be done to destroy the seedlings and to incorporate the herbicide into the top 10 – 20 mm of soil.

### 2) Aerial application

Aerial application of **ACETOGAN 900 EC** may only be done by a registered Aerial Application Operator using a correctly calibrated, registered 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. It is therefore essential that the following criteria be met:

- **Volume:** A spray mixture volume of 30 ℓ per hectare is recommended for pre-emergence and 35 ℓ / ha for post-emergence applications. 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 pre-emergence and 30 – 45 droplet per cm<sup>2</sup> must be recovered post-emergent at the target area.
- **Droplet size:** A droplet spectrum with a VMD of 350 to 450 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 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 above requirements will be met and that the relevant data will be compiled in a log book for future reference.

## APPLICATION RATES

### 1) Cotton

CLAY %	DOSAGE ℓ/ha	REMARKS
0 – 10 % 11 – 30 %	0,75 – 1,5 ℓ 1,0 – 3,0 ℓ	Apply <b>ACETOGAN 900 EC</b> as a pre-emergence, directed spray in the interrow of planted cotton in the 5 – 8 leaf stage or ratoon cotton. Avoid spraying over planted cotton. Apply <b>ACETOGAN 900 EC</b> pre-emergence of weeds. Use the higher dosage rate where <i>Digitaria sanguinalis</i> occurs or where longer control of annual grass is desired.

### 2) *Eucalyptus* Plantations

CLAY %	DOSAGE ℓ/ha	REMARKS
0 – 10 % 11 – 30 %	0,75 – 1,5 ℓ 1,0 – 3,0 ℓ	Apply as a full cover spray 7 – 10 days before or transplanting after transplanting to healthy young trees on a weed free seedbed. Do not spray over the top of the young trees. Use the higher rate for extended control of grasses and improved control / suppression of yellow nutgrass.

### 3) Groundnuts

CLAY %	DOSAGE ℓ/ha	REMARKS
0 – 10 %	0,75 – 1,5 ℓ	Apply as a pre-emergence application on a weed-free seedbed. Use the higher rate for extended control of grasses and better control of broadleaf weeds and yellow nutgrass.

### 4) Maize

Apply **ACETOGAN 900 EC** early post-emergence of maize and preferably pre-emergence of weeds, as a tank mixture with **ATRANEX 500 SC** or **SULCOZINE 425 SC**. (Please refer to the **SULCOZINE 425 SC** label for application rates.)

CLAY %	DOSAGE ℓ/ha	
	ACETOGAN 900 EC	ATRANEX 500 SC
0 – 10 %	0,5 – 0,75 ℓ	2,5 ℓ
11 – 20 %	0,75 – 1,0 ℓ	3,25 ℓ
21 – 30 %	1,0 ℓ	4,0 ℓ
31 – 50 %	1,0 ℓ	4,75 – 5,0 ℓ

### 5) Potatoes

CLAY %	DOSAGE ℓ/ha	REMARKS
0 – 10 %	0,75 – 1,5 ℓ	Apply pre-emergence just after planting. Cold and wet conditions after planting might cause crop injury.
11 – 20 %	1,0 – 2,0 ℓ	
21 – 30 %	1,5 – 3,0 ℓ	
> 30 %	3,0 ℓ	

### 6) Sugar cane

CLAY %	DOSAGE ℓ/ha	REMARKS
0 – 35 %	1,75 – 2,5 ℓ	Apply pre-emergence in plant and ratoon sugar cane. Use the higher rates and / or tank mix with either <b>DIUREX 800 SC</b> at 3,0 ℓ / ha or <b>ATRANEX 500 SC</b> at 2,0 – 5,0 ℓ / ha. Use the lower rate with soils up to 35 % and the higher rate on heavier soils or where longer residual or improved control of <i>Cyperus esculentus</i> is required.

### WEEDS NORMALLY CONTROLLED

Refer to the list of weeds below. The control of yellow nutgrass (*Cyperus esculentus*) might be variable and mainly requires favourable weather conditions. To increase the spectrum of broad leaf weeds controlled, it is recommended that either tank mixes or follow on applications with registered broadleaf herbicides are done in combination with **ACETOGAN 900 EC**.

### LIST OF THE WEEDS CONTROLLED BY ACETOGAN 900 EC

#### Annual grasses

<i>Chloris virgata</i>	feathertop Chloris
<i>Digitaria sanguinalis</i>	crab finger grass
<i>Eleusine coracana</i>	goose grass
<i>Panicum maximum</i>	common buffalo grass

<i>Panicum schinzii</i>	sweet buffalo grass
<i>Setaria pallide-fusca</i>	garden bristle grass
<i>Setaria verticillata</i>	sticky bristle grass
<i>Urochloa panicoides</i>	herringbone grass

### **Annual Broadleaf Weeds**

<i>Amaranthus hybridus</i>	Cape pigweed
<i>Amaranthus spinosus</i>	thorny pigweed
<i>Amaranthus thunbergii</i>	red pigweed
<i>Chenopodium album</i>	white goosefoot
<i>Commelina benghalensis</i>	Bengal wandering Jew
<i>Galingsoga parviflora</i>	gallant soldier

<i>Portulaca oleracea</i>	purslane
<i>Schukuhria pinnata</i>	dwarf marigold
<i>Tagetes minuta</i>	khaki weed (early germination)

### **Control of the following weeds are variable:**

<i>Cyperus esculentus</i>	yellow nutgrass
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**Note:** *Cyperus esculentus* control can only be achieved when planting is done in a fine, firm, even seedbed immediately following a deep mouldboard ploughing. Planting must be done immediately after the seedbed preparation. Continuous rain or irrigation of at least 15 mm on lighter soils and 25 mm on heavier soils should take place after application and before the nutgrass starts to germinate and develop.

ATRANEX 500 SC (Reg. no. L5352), DIUREX 800 SC (Reg. no. L5334) and SULCOZINE 425 SC (pending registration) are the registered trade marks of MAKHTESHIM-AGAN LTD, Israel.

## WAARSKUWINGS

- Giftig indien ingesluk.
- Matig irriterend vir die oë.
- Giftig vir waterorganismes.
- Stoor in 'n koel, droë plek weg van voedsel, voer, eetgerei en drinkwater.
- Hou die **ACETOGAN 900 EC** houer dig toe onder slot en grendel buite bereik van kinders, oningeligte persone en diere.
- **Lugtoediening:** Stel al die inwoners in die onmiddellike omgewing van die gebied wat bespuit gaan word in kennis en reik die nodige waarskuwings uit. Moet nie oor aangrensende gebiede of water spuit of die spuitnewel toelaat om dit te 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. Die werking en doeltreffendheid daarvan kan beïnvloed word deur faktore soos abnormale grond, klimaats- en bergingstoestande, kwaliteit van die verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui word nie en die voorkoms van weerstand van die onkruid teen die betrokke middel sowel as die tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei en die omgewing of nadelige invloede op mens of dier of vir 'n gebrek aan prestasie van die betrokke middel as gevolg van 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.**

## VOORSORGMATREELS

- Moet nie eet, drink of rook terwyl hierdie produk hanteer word of voor hande en gesig gewas is nie.
- Vermy inaseming van die spuitmis.
- Dra 'n gesigskerm en rubberhandskoene wanneer hierdie produk hanteer word.
- Was onmiddellik na toevallige velkontak met koue water en seep. Trek besoedelde klere dadelik uit en was dit onmiddellik.
- Vermy ddat die sproeinewel oor ander gewasse, weiding, riviere, damme of enige ander gebied wat nie onder behandeling is, dryf.
- Verhoed besoedeling van voedsel, voer, drinkwater, eetgerei, saad, kunsmis en enige ander landbouchemiese middels.
- Keer die leë houer om oor die spuit of mengtenk en laat dreineer vir minstens 30 sekondes nadat die vloeï tot 'n gedrup verander het. Spoel daarna die leë houer drie keer uit met 'n volume water wat minstens gelykstaande is aan 10 % van die volume van die houer. Voeg die spoelwater in die spuittenk. Vernietig die leë houer deur dit te perforeer en plat te druk.
- Moet die leë houer vir geen ander doel gebruik nie.
- Maak die toediener deeglik skoon na gebruik deur dit uit te spoel. Gooi die spoelwater waar dit nie gewasse, riviere of damme sal besoedel nie.

## WEERSTANDSWAARSKUWING

Vir die bestuur van weerstand word **ACETOGAN 900 EC** as 'n groepkode K 3 onkruiddoder geklassifiseer. Enige onkruidpopulasie mag individue hê wat natuurlike weerstand teen **ACETOGAN 900 EC** en groepkode K 3 onkruiddoders besit. Die weerstandbiedende individue kan uiteindelik die populasie domineer as hierdie onkruiddoders herhaaldelik gebruik word. Hierdie weerstandbiedende onkruid mag dalk nie deur **ACETOGAN 900 EC** of ander groepkode K3 onkruiddoders beheer word nie. Om onkruidweerstand te vertraag, kan die volgende gedoen word:

- Vermy die herhaaldelike eksklusiewe gebruik van onkruidodders van dieselfde onkruidoddergroepkode. Wissel af of gebruik tenkmengsels met produkte van ander onkruidoddergroepkodes.
- Integreer beheermetodes (chemiese, verbouing en biologies) in onkruidbeheerprogramme

Skakel met die verspreidersagent of die registrasiehouer vir meer spesifieke inligting.

## **GEBRUIKSBEPERKINGS**

- Moet nie **ACETOGAN 900 EC** op eksperimentele, nuutvrygestelde kultivars of ingeteelde ouerplante gebruik voordat u eers met u saad verskaffer of die verskaffer van u onkruidodder gepraat het nie.
- Indien **ACETOGAN 900 EC** op swak gedreineerde gronde of gronde met 'n verdigtingslaag wat tot versuipstoestande kan lei, gebruik word, mag dit tot gewasskade lei.
- Wanneer **ACETOGAN 900 EC** 900 EC in 'n tenkmengsel met ander produkte gebruik word, moet aan die voorwaardes en beperkings soos wat op hierdie etikette verskyn, voldoen word.

## **GEBRUIKSAANWYSINGS**

Gebruik slegs soos aangedui.

## **VERENIGBAARHEID**

Geen gevalle van onverenigbaarheid met ander landbouchemikalieë is tot dusver aangemeld nie. Indien 'n tenkmengsel met ander landbouchemiese middels gemaak word, word aanbeveel dat klein hoeveelhede van elke middel apart aangemaak word in 'n klein hoeveelheid water en bymekaar gevoeg word terwyl geroer word. Evalueer vir enige teken van onverenigbaarheid soos bv skeiding, flokkulering ens. As in kombinasie met ander middels gebruik word moet die etiketvoorskrifte van hierdie middels nagekom word.

## **VERMENGING**

Skud die houer goed voor gebruik. Vul die spuittenk halfvol met skoon water. Meng die benodigde hoeveelheid **ACETOGAN 900 EC** apart met water en voeg in die tenk terwyl geroer word. Vul die tenk met water terwyl gedurigdeur geroer word. Verseker deeglike roering tydens vermenging en toediening. Meng net genoeg spuitmengsel vir 'n dag se gebruik. Moet nie die spuitmengsel oornag laat staan nie.

## **TOEDIENING**

### **1) Grondtoediening**

**ACETOGAN 900 EC** kan deur enige geskikte medium-of hoëvolume spuitapparaat toegedien word, mits dit toegerus is met 'n doeltreffende roermeganisme, dit korrek gekalibreer is en in staat is om die spuitmengsel eweredig oor die teikengebied te versprei. Dit word aanbeveel dat van platwaaierspuitpunte gebruik gemaak word en dat 'n spuitvolume van ten minste 200 l water per ha gebruik word.

**ACETOGAN 900 EC** moet so gou as moontlik toegedien word en verkieslik voor onkruid ontkiem (sien individuele gewesaanbevelings hieronder). Die saadbed moet fyn, ferm en gelyk sonder oormatige plantreste wees.

Aanhoudende reën of besproeiing van ten minste 15 mm is nodig na toediening na toediening om die aktiewe bestanddeel in die grond in te loog tot in die onkruidontkiemingsone. As dit nie reën nie en

die onkruid ontkiem, kan 'n ligte bewerking uitgevoer word om die onkruid te beheer en die onkruidodder in die boonste 10 – 20 mm grond in te werk.

## 2) Lugtoediening:

**ACETOGAN 900 EC** kan slegs deur 'n geregistreerde Lugbespuitingsperateur 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 ℓ per ha vooropkom en 35 ℓ per ha na-opkom (van gewas) 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 cm<sup>2</sup> 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.
- Vlieghoogte: Handhaaf die hoogte van die spuitbalk bo die teiken op 3 tot 4 meter. Moet nie spuit wanneer die vliegtuig duik nie, 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.
- 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:
  - a) verlaagde effektiwiteit aangesien die druppels as 'n wolk in die lug bly hang en moontlik verdamp (onvoldoende bedekking op teiken).
  - b) 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.

## TOEDIENINGSHOEVEELHEDE

### 1) Katoen

KLEI %	DOSIS ℓ / ha	OPMERKINGS
0-10 % 11 – 30 %	0,75 – 1,5 ℓ 1,0 – 3,0 ℓ	Dien <b>ACETOGAN 900 EC</b> na-opkom as gerigte tussenrybespuiting van geplante katoen in direk oor geplante katoen nie. Dien <b>ACETOGAN 900 EC</b> net vooropkom van onkruid toe. Gebruik die hoër toedieningshoeveelheid waar <i>Digitaria sanguinalis</i> voorkom of waar langer beheer verlang word.

## 2) Aartappels

KLEI %	DOSIS ℓ / ha	OPMERKINGS
0 – 10 % 11 – 20 % 21 – 30 % > 30 %	0,75 – 1,0 ℓ 1,0 – 2,0 ℓ 1,5 – 3,0 ℓ 3,0 ℓ	Dien vooropkom net na plant toe. Koue nat toestande net na toediening mag gewasskade veroorsaak.

## 3) *Eucalyptus* plantstasies

KLEI %	DOSIS ℓ / ha	OPMERKINGS
0 – 10 % 11 – 30 %	0,75 – 1,5 ℓ 1,0 – 3,0 ℓ	Dien as 'n algehele toediening 7 – 10 dae voor uitplant of na uitplant op jong gesonde boompies op 'n onkruidvrye saadbed toe. Moet nie bo-oor die jong boompies spuit nie. Gebruik die hoër dosis vir langer beheer van grasse en verbeterde beheer / onderdrukking van geeluintjies

## 4) Grondbone

KLEI %	DOSIS ℓ / ha	OPMERKINGS
0 – 10 % 11 – 30 %	0,75 – 1,5 ℓ 1,0 – 3,0 ℓ	Dien vooropkom op 'n onkruidvrye saadbed toe. Gebruik die hoër dosis vir langer beheer van grasse en beter beheer van breëblaar onkruid en geeluintjies.

## 5) Mielies

Dien **ACETOGAN 900 EC** vroeg na-opkom van mielies en verkieslik vooropkom van onkruid as 'n tenkmengsel met **ATRANEX 500 SC** of **SULCOZINE 425 SC** toe. (Verwys na **SULCOZINE 425 SC** etiket vir toedieningshoeveelhede.)

KLEI %	DOSIS ℓ / ha	
	ACETOGAN 900 EC	ATRANEX 500 SC
0 – 10 %	0,5 – 0,75 ℓ	2,5 ℓ
11 – 20 %	0,75 – 1,0 ℓ	3,25 ℓ
21 – 30 %	1,0 ℓ	4,0 ℓ
31 – 50 %	1,0 ℓ	4,75 – 5,0 ℓ

## 6) Suikerriet

KLEI %	DOSIS ℓ / ha	OPMERKINGS
0 – 35 %	1,75 – 2,5 ℓ	Dien vooropkom in plant en oorstaan suikerriet toe. Gebruik die hoër toedieningshoeveelheid met of <b>DIUREX 800 SC</b> teen 3,0 ℓ / ha of <b>ATRANEX 500 SC</b> teen 2,0 – 5,0 ℓ / ha toe. Gebruik die laer toediening op gronde tot 35 % klei en die hoër toediening op swaarder gronde of waar langer nawerking of verbeterde beheer van <i>Cyperus esculentus</i> verlang word.

## ONKRUIDE NORMAALWEG BEHEER

Verwys na die onkruidlys hieronder. Die beheer van geeluintjies (*Cyperus esculentus*) mag wisselvallig wees en is hoofsaaklik afhanklik van weerstoestande. Om die beheer spektrum van breëblaar onkruid te verbeter, word aanbeveel dat **ACETOGAN 900 EC** in tenkmengsels of as opvolgbespuitings met geregistreerde breëblaar middels toegedien word.

## ONKRUIDE WAT DEUR ACETOGAN 900 EC BEHEER WORD

### Eenjarige grasse

<i>Chloris virgata</i>	witpluim Chloris
<i>Commelina benghalensis</i>	Bengaalse wandelende Jood
<i>Chenopodium album</i>	wit hondebossie
<i>Digitaria sanguinalis</i>	kruisvingergras
<i>Eleusine coracana</i>	jongosgras
<i>Panicum schinzii</i>	soetgras
<i>Panicum maximum</i>	buffelsgras
<i>Setaria pallide fusca</i>	rooiborselsaadgras
<i>Setaria verticillata</i>	klitsborselgras
<i>Urochloa panicoides</i>	tuin urochloa

### Eenjarige breëblare

<i>Amaranthus hybridus</i>	gewone misbredie
<i>Amaranthus spinosus</i>	doringmisbredie
<i>Amaranthus thunbergii</i>	rooimisbredie
<i>Galingsoga parviflora</i>	knopkruid
<i>Portulaca oleracea</i>	porslein
<i>Physalis angulata</i>	eilde appeliefie
<i>Schukuhria pinnata</i>	klein kakiebos
<i>Tagetes minuta</i>	lang kakiebos (vroeg ontkiemend)

### Beheer van die volgende onkruid is wisselvallig:

<i>Cyperus esculentus</i>	geeluintjie
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**Nota:** Om *Cyperus esculentus* te beheer moet die plantproses voorafgegaan word deur 'n diep ploegbewerking. Die plantproses moet onmiddellik na die saadbed voorbereiding geskied. Die saadbed moet fyn, ferm, eweredig en sonder oormatige plantreste wees. Aanhoudende reën of besproeiing van tussen 15 mm vir ligter en 25 mm vir swaarder gronde moet plaasvind na toediening en voor die uintjies ontkiem en begin ontwikkel.

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