

ACETAK EC

BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY

ACETAK EC

HERBICIDE



Reg. No. L6904, Act/Wet No. 36 of/van 1947

1: 01/10/2001

An emulsifiable concentrate herbicide for the pre-emergence control of most annual grasses and certain broadleaf weeds in the situations indicated.

'n Emulgeerbare konsentraat onkruidodder vir die voor-opkoms beheer van eenjarige grasse en sekere breëblaaronkruid in die situasies soos aangedui.

HRAC HERBICIDE GROUP CODE	K3	HRAC ONKRUIDDODERGROEPKODE
ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL		
Acetochlor (chloroacetanilide) 900 g/l Asetochlor (chloorasetanilied)		

Registration Holder / Registrasiehouer
Meridian Agrochemical Company (Pty.) Ltd. / (Edms.) Bpk.

Reg. No. 2000/010819/07
 P.O. Box / Posbus 436, Modderfontein, 1645, South Africa / Suid-Afrika

20ℓ

UN Number: 3082





CAUTION / VERSIGTIG



DIRECTIONS FOR USE ENCLOSED
REFER TO DETAILS AS PRINTED
ON CONTAINER / BAG

GEBRUIKSAANWYSINGS INGESLUIT
VERWYS NA BESONDERHEDE
SOOS OP HOUER / SAK GEDRUK

Lotnummer
Datum van vervaardiging

Batch Number
Date of manufacture

WARNINGS

- Poisonous if swallowed.
- Irritating to eyes.
- Toxic to fish.
- Flammable.
- Store in a cool place and keep away from open flames.
- Store away from food, feed, fertilizer and other agricultural products.
- Keep out of reach of children, uninformed persons and animals.

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

PRECAUTIONS

- Do not inhale fumes or spray mist.
- Avoid skin and eye contact by wearing protective clothing when mixing the product.
- In case of accidental eye contact, flush with plenty of water and get medical attention if necessary.
- Wash with soap and water after use and accidental skin contact as well as contaminated clothing.
- Do not eat, drink or smoke while mixing or applying the product or before washing hands and face.
- Avoid drift of spray onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean applicator after use. Dispose of rinsate where it will not contaminate crops, grazing, rivers, dams and boreholes.
- Prevent contamination of food, feeds, drinking water and eating utensils.
- Rinse empty container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsings to the contents of the spray/mixing tank before destroying the empty container by perforation and flattening.
- Destroy the empty container and do not use for any other purpose.

USE RESTRICTIONS

- Do not use **Acetak EC** on experimental or newly released cultivars/varieties without first consulting your supplier or the seed company concerned.
- Do not use **Acetak EC** on poorly drained soils or soils with a compaction layer, as under these conditions waterlogging can occur and the herbicide may cause crop injury.
- Do not apply **Acetak EC** to any crop or situation not mentioned in this instruction leaflet.
- Only apply **Acetak EC** using an accurate and safe application technique.
- Flood irrigation can reduce weed control performance.
- Optimum weed control is obtained on a fine, even seedbed, free of clods, trash and weeds. **Acetak EC** will also give weed control in stubble mulch or minimum tillage situations.
- If **Acetak EC** is used in a tank mix with other recommended herbicides, consideration should be given to the restrictions of those respective products. Triazines are very persistent and careful consideration should be given to follow-up crops when using such products.
- Use the lower rates on soils in the Northwest Province, North- and Western Free State.
- When short persistence for the sake of follow-up crops is required, use only 1.5 l /ha Atrazine SC on soils up to 35 % clay.
- Use lower rates on lighter soils and where the weed population pressure is lower.

DIRECTIONS FOR USE

Use only as directed.

MIXING INSTRUCTIONS

Half-fill the spray tank with suitable water, then add the required amount of **Acetak EC** to the water in the tank while agitating. Fill the spray tank to the desired volume. Should tank mixtures with other herbicides be made, follow the respective manufacturers' label recommendations. **Tank mixtures must be sprayed out**

immediately and not allowed to stand in the spray tank overnight. Spraying equipment must be thoroughly flushed out at the end of the spraying operation.

COMPATIBILITY

The compatibility of **Acetak EC** with other products depends on the formulations of the respective products as well as the quality of the spray water to be used. As formulations change from time to time it is recommended that a physical compatibility test be done prior to the tank mixture being made. **Acetak EC** is compatible with Ametryn SC, Atrazine SC, Atraflo Super 600 SC, 2,4-D amine, Diuron 800 SC, **Trooper SL** and **SCORCHER**.

APPLICATION METHODS

Ensure that the equipment is correctly calibrated and is checked regularly during application to ensure even and accurate application. Knapsack sprayers or tractor mounted boom sprayers may be used. A spray volume of 200-300 l/ha should be used and can be applied via flat fan-type nozzles, preferably the low drift type to avoid fine droplets. **Constant agitation throughout the spray operation is essential.**

Only clean water should be used.

Rain is essential to leach the product into the zone of the germinating weeds and therefore 10-15 mm of rain or irrigation is needed within 7 days of application to ensure optimum results. Under drier conditions, weeds may emerge. These should be controlled with either a shallow cultivation, which will also incorporate the herbicide into the upper 10 – 20 mm of soil, or a suitable post-emergence herbicide can be applied as recommended below. For post-emergence control of broadleaf weeds and grasses add 2 – 4 kg/ha **Bounty 500 WSG** or 3 – 4 l/ha **SCORCHER**, depending on growth stage of weeds. Apply **Acetak EC** preferably with or directly after planting groundnuts and plant sugar cane, but not later than five days after planting. Always use the lower rates on lighter soils and where the weed pressure is lower.

RECOMMENDATIONS

SITUATION	% CLAY	Acetak EC (l/ha)	TIMING OF APPLICATION
Groundnuts	0 – 10 11 – 20 21 – 30	0.75 – 1.5 1.0 – 2.0 1.5 – 3.0	Apply to a well-prepared seedbed after planting but before crop and weed emergence. Use the higher rate for extended and improved control of broadleaf weeds, crab finger grass and yellow nutsedge.

MAIZE – SPLIT APPLICATION

% CLAY	POST PLANT PRE-EMERGENCE	EARLY POST-EMERGENCE
0 – 10	4.0 l/ha Alachlor EC	0.75 l/ha Acetak EC plus 2.0 l/ha Atrazine SC plus 0,5 l/ha Trooper SL or 2.0 l/ha Atraflo Super 600 SC plus 0,5 l/ha Trooper SL
11 – 20	4.0 – 4.5 l/ha Alachlor EC	0.75 – 1.0 l/ha Acetak EC plus 3.0 l/ha Atrazine SC or 2.0 l/ha Atrazine SC plus 0,5 l/ha Trooper SL or 2.5 l/ha Atraflo Super 600 SC plus 0,5 l/ha Trooper SL
21 – 30	5.0 l/ha Alachlor EC	1.0 l/ha Acetak EC plus 3.0 – 3.5 l/ha Atrazine SC or 2.0 l/ha Atrazine SC plus 0.5 l/ha Trooper SL or 3.0 l/ha Atraflo Super 600 SC plus 0.5 l/ha Trooper SL
31 – 50	5.0 l/ha Alachlor 384 EC	1.0 l/ha Acetak EC plus 3.0 – 5.0 l/ha Atrazine SC or 2.0 l/ha Atrazine SC plus 0.5 l/ha Trooper SL or 3.0 – 3.5 l/ha Atraflo Super 600 SC plus 0.5 l/ha Trooper SL

- Early post-emergence treatments must be applied before the 5 leaf stage of broadleaf weeds and before tillering of annual grasses. *Digitaria sanguinalis* (crab finger grass) must be treated before the 3 leaf stage.
- Not recommended on soils of 0 – 10 % clay in Northwest Province, North- and Western Free State.
- Apply **Trooper SL** according to weed growth stages on the **Trooper SL** label.
- For full particulars and list of weeds controlled refer to the Atraflo Super 600 SC and Atrazine SC labels respectively.

MAIZE – POST EMERGENCE (extended annual grass and broadleaf weed control)

% CLAY	Acetak EC (ℓ/ha)	Plus	Atrazine SC (ℓ/ha)	Or	Atraflo Super 600 SC (ℓ/ha)
0 – 10	1.0		2.0		2.0
11 – 20	1.2 – 1.5		3.0		2.5
21 – 30	1.5		3.0 – 3.5		3.0
31 – 50	1.5 – 1.75		3.5 – 5.0		3.0 – 3.5

- Apply **Acetak EC** as an early post-emergence treatment in combination with Atraflo Super 600 SC to give extended grass and broadleaf weed control without a pre-emergence treatment. Apply the treatment before the 5-leaf stage of broadleaf weeds and before tillering of annual grasses. *Digitaria sanguinalis* (crab finger grass) must be treated before the 3 leaf stage.
- Not recommended on soils of 0 – 10 % clay in Northwest Province, North- and Western Free State.
- Existing weeds beyond the 5 leaf stage should be destroyed with a cultivation prior to application.
- Existing broadleaf weeds can be controlled post-emergence using **Trooper SL** according to weed growth stages on the **Trooper SL** label.
- For full particulars and list of weeds controlled refer to the Atraflo Super 600 SC and Atrazine SC labels respectively.

SUGARCANE – PRE-EMERGENCE

SITUATION	% CLAY	Acetak EC (ℓ/ha)	TIMING OF APPLICATION
plant and ratoon	0 – 30	2.0 – 2.5	Pre-emergence control of annual grasses, certain broadleaf weeds and yellow nutsedge. The higher rates should be used on heavier soils and/or where a longer residual action is required and/or for improved control of yellow nutsedge.
	> 30	2.5 – 3.0	
Pre-emergence application	-	Plus Ametryn 500 SC @ 2.0 – 3.0 ℓ/ha or Diuron 800 SC @ 3.0 ℓ/ha or Atrazine SC @ 2.0 – 5.0 ℓ/ha or Atrazine SC @ 3.0 – 5.0 ℓ/ha	Improved pre-emergence control of broadleaf weeds. The higher rates should be used on heavier soils (> 30% clay) and also where a longer residual action is required and/or for improved yellow nutsedge control. The lower rates should be used on lighter soils.
	-		
	0 – 35		
	> 35		

SUGARCANE – POST EMERGENCE

SITUATION	% CLAY	Acetak EC (l/ha)	TIMING OF APPLICATION
Post-emergence application	0 – 30	2.0 – 2.5	After the 5 leaf stage of the crop, the spray should be directed between the rows.
	> 30	2.5 – 3.0	
	-	Plus Ametryn SC @ 6.0 l/ha + nonionic surfactant @ 0.2% of total volume	May only be applied up to the 2 – 3 leaf stage of the cane. Will control yellow nutsedge.
	-	or Ametryn SC @ 3.0 – 5.0 l/ha + SCORCHER @ 1.5 l/ha or Diuron SC @ 2.5 – 3.0 l/ha + SCORCHER @ 1.5 l/ha or Trooper SL @ 2.0 l/ha or Atrazine SC @ 2.0 – 5.0 l/ha	
	0 – 35	or Atrazine SC @ 3.0 – 5.0 l/ha	May only be applied up to the 2 – 3 leaf stage of the cane. Will control yellow nutsedge.
	> 35		

- Use higher dosage rates on heavier soils.
- The above post-emergence treatments should be made prior to tillering of annual grasses.

WEEDS CONTROLLED BY Acetak EC:

Grass species (pre-emergence only)

<i>Brachiaria eruciformis</i>	Sweet signal grass
<i>Chloris virgata</i>	Feathertop Chloris
<i>Digitaria sanguinalis</i>	Crab finger-grass
<i>Eleusine indica</i>	Goose grass
<i>Panicum maximum</i>	Common buffalo grass
<i>Panicum schinzii</i>	Sweet buffalo grass
<i>Setaria pallide-fusca</i>	Red bristle grass
<i>Setaria verticillata</i>	Sticky bristle grass
<i>Urochloa panicoides</i>	Herringbone grass

Broadleaf weeds (Pre-emergence only)

<i>Amaranthus hybridus</i>	Common pigweed
<i>Amaranthus spinosus</i>	Thorny pigweed
<i>Amaranthus thunbergii</i>	Red pigweed
<i>Anagallis arvensis</i>	Pimpernel
<i>Chenopodium album</i>	White goosefoot
<i>Chenopodium carinatum</i>	Nettle-leaved goosefoot
<i>Commelina benghalensis</i>	Bengal wandering jew
<i>Galinsoga parviflora</i>	Gallant soldier
<i>Portulaca oleracea</i>	Purslane
<i>Schkuhria pinnata</i>	Dwarf marigold
<i>Tagetes minuta</i>	Khaki weed

Variable control (pre-emergence)

Cyperus esculentus
Chenopodium album
Cleome monophylla

Yellow nutsedge
White goosefoot
Spindlepod

NOTE:

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

The pre-emergence control of *Cyperus esculentus* is dependent on the following:

- Where a dosage choice is given, use the higher rate.
- Planting into a firm and fine seedbed must be preceded by a deep ploughing.
- **Acetak EC** must be applied within 2 days after planting.
- Sufficient continual soaking rain or irrigation (at least 15 mm on light soils and 25 mm on heavy soils) must fall with 7 days of spraying for the nutsedge plants to start to germinate and develop.

To increase the spectrum of broadleaf weeds controlled, it is recommended that either tank mixes or follow-up application of standard registered broadleaf herbicides are used in combination with **Acetak EC**, in accordance with the manufacturer's label recommendations.

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

ACKNOWLEDGEMENT OF TRADEMARKS:

Atraflo Super 600 SC (Reg L. 5435)
Trooper SL (Reg L. 6806)
Alachlor EC
Atrazine SC
Ametryn SC
Diuron SC
Scorcher (Reg L. 9085)

Villa Crop Protection (Pty) Ltd
Meridian Agrochemical Company (Pty) Ltd
Various
Various
Various
Meridian Agrochemical Company (Pty) Ltd

WAARSKUWINGS

- Giftig indien ingesluk.
- Veroorsaak oog-irritasie.
- Gevaarlik vir visse.
- Vlambaar.
- Bêre in 'n koel plek en hou weg van oopvlamme.
- Bêre weg van voedsel, voer, kunsmis en ander landbouprodukte.
- Hou buite bereik van kinders, oningeligte persone en diere.

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, metode en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordlikheid 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.

VOORSORGMATREËLS

- Moet nie spuitdampe of spuitnewel inasem nie.
- Vermyn kontak met die vel en oë deur beskermende oorklere te dra wanneer die produk gemeng word.
- Indien produk in aanraking met die oë kom, spoel met genoegsame water en kry mediese aandag indien nodig.
- Was met seep en water na gebruik en toevallige velkontak; so ook die besoedelde klere.
- Moet nie eet, drink of rook tydens vermenging of toediening van die produk of voordat hande en gesig gewas is nie.
- Verhoed dat sproeimis wegdryf na ander gewasse, weiding, riviere, damme en plekke wat nie onder behandeling is nie.
- Maak toedieningsapparaat skoon na gebruik. Uitspoelwater moet nie gewasse, weiding, riviere, damme en boorgate besoedel nie.
- Voorkom die besoedeling van voedsel, voer, drinkwater en eetgerei. Spoel die leë houer **drie keer** uit op die volgende manier: Keer die leë houer om oor die spuittenk of mengbak en dreineer vir minstens 30 sekondes nadat die vloeï tot 'n drup verminder het. Spoel die leë houer daarna drie keer uit met 'n volume water gelykstaande aan 'n minimum van 10% van die inhoud van die houer. Gooi die spoelwater by die inhoud van die spuittenk voordat gate daarin geslaan en plat gemaak word.
- Vernietig die leë houer, moet vir geen ander doel gebruik nie.

GEBRUIKSBEPERKINGS

- Moet nie **Acetak EC** op eksperimentele of nuut vrygestelde kultivars gebruik alvorens die vervaardigers of saadverspreiders geraadpleeg is nie.
- Moet nie **Acetak EC** op swak gedreineerde grond of grond met 'n kompaksielaag toedien nie. Die onkruidodder mag tydens versuiptoestande skade aan gewasse veroorsaak.
- Moet nie **Acetak EC** op enige gewas of toestand toedien wat nie op hierdie etiket verskyn nie.
- Dien **Acetak EC** slegs met akkurate en veilige toedieningsmetodes toe.
- Vloedbesproeiing mag lei tot verswakte onkruidbeheer.
- Optimale onkruidbeheer word verkry op 'n fyn, gelyk saadbed wat vry van kluite, onkruid en plantreste is. **Acetak EC** sal ook onkruidbeheer waar minimum- of deklaagbewerking toegepas word.
- As **Acetak EC** met ander middels in tenkmengsels gebruik word, moet die gebruiksaanwysings van daardie betrokke produkte gevolg word.
- Gebruik die laer dosisse op gronde in die Noordwes-Provinsie, Noord- en Wes-Vrystaat.
- Wanneer 'n kort nawerking verlang word t.o.v. opvolggewasse, gebruik nie meer as 1.5 l/ha Atrasien SC op gronde tot 35 % klei.
- Gebruik die laer dosisse op ligter gronde waar die onkruidpopulasiedruk nie so hoog is nie.

GEBRUIKSAANWYSINGS

Gebruik slegs soos aangedui.

MENGINSTRUKSIES

Maak die spuittenk halfvol met geskikte water en voeg die benodigde hoeveelheid **Acetak EC** by terwyl water aanhoudend geroer word. Maak die spuittenk tot die finale volume vol. Roer goed om vermenging te verseker voordat die tenkmengsel toegedien word. As tenkmengsels met ander middels gemaak word, moet die betrokke vervaardiger se etiketaanwysings gevolg word. **Die tenkmengsel moet onmiddellik uitgespuit word en nie toegelaat word om oornag in die spuittenk te staan nie.** Die spuittoerusting moet aan die einde van toediening deeglik uitgewas word.

VERENIGBAARHEID

Die verenigbaarheid van **Acetak EC** met ander produkte hang van die formulering van die betrokke produkte af, asook van die kwaliteit van die spuitwater. Deurdat formulerings van tyd tot tyd kan verander, word dit aanbeveel om 'n fisiese verenigbaarheidstoets uit te voer voordat 'n tenkmengsel gemaak word. **Acetak EC** is verenigbaar met Ametrien SC, Atrasien SC, Atraflo Super 600 SC, 2,4-D amien, Diuron 800 SC, **Trooper SL** en **SCORCHER**.

TOEDIENINGSMETODES

Maak seker dat die spuittoerusting korrek gekalibreer is en gereeld tydens toediening nagegaan word om egalige en akkurate toediening te verseker. Rugsakspuite of 'n konvensionele spuitbalk kan gebruik word. 'n Totale spuitvolume van 200 – 300 l /ha moet gebruik word en kan toegedien word met platwaaerspuitpunte om die beste herwinning van die spuitstof op die teikenarea te verseker. **Die mengsel moet aanhoudend en deeglik geroer word tydens toediening.** Gebruik slegs skoon water vir toediening.

Reënval of besproeiing kort na toediening is noodsaaklik om die onkruidodder in die bogrondlae in te loog waar die ontkiemende onkruid voorkom en daarvoor is 10 – 15 mm reën nodig binne 7 dae na toediening om optimale resultate te verseker. Onder droë toestande mag onkruidsaailinge opkom. Dié onkruid kan of deur 'n vlakbewerking beheer word wat terselfdertyd die onkruidodder met die boonste 10 – 20 mm grondlaag vermeng, of om van 'n geskikte na-opkoms onkruidodder soos hieronder aanbeveel, gebruik te maak. Vir die na-opkomsbeheer van breëblaaronkruid en grasse voeg 2 – 4 kg/ha **Bounty 500 WSG** of 3 – 4 l/ha **SCORCHER** by, afhangende van die onkruidgroeistadium. **Acetak EC** moet verkieslik met of net na die plant van grondbone en suikerriet toegedien word, maar nie later as 5 dae na plant nie. Gebruik altyd die laer dosis op ligte gronde en waar onkruidruk laer is.

AANBEVELINGS

GEWAS	% KLEI	Acetak EC (l/ha)	TOEDIENINGSTYD
Grondbone	0 – 10	0.75 – 1.5	Dien toe na plant, maar voor die opkoms van die gewas en die ontkieming van die onkruid. Gebruik die hoër dosis vir langer nawerking en bykomende beheer van breëblaaronkruid, kruis- vingergras en geeluintjies.
	11 – 20	1.0 – 2.0	
	21 – 30	1.5 – 3.0	

MIELIES – SPLITTOEDIENING

% KLEI	NA-PLANT VOOROPKOMS	VROEG NA-OPKOMS
0 – 10	4.0 l/ha Alachlor EC	0.75 l/ha Acetak EC plus 2.0 l/ha Atrasien SC plus 0.5 l/ha Trooper SL of 2.0 l/ha Atraflo Super 600 SC plus 0.5 l/ha Trooper SL
11 – 20	4.0 – 4.5 l/ha Alachlor EC	0.75 – 1.0 l/ha Acetak EC plus 3.0 l/ha Atrasien SC of 2.0 l/ha Atrasien SC plus 0.5 l/ha Trooper SL of 2.5 l/ha Atraflo Super 600 SC plus 0.5 l/ha Trooper SL
21 – 30	5.0 l/ha Alachlor EC	1.0 l/ha Acetak EC plus 3.0 – 3.5 l/ha Atrasien SC of 2.0 l/ha Atrasien SC plus 0.5 l/ha Trooper SL of 3.0 l/ha Atraflo Super 600 SC plus 0.5 l/ha Trooper SL
31 – 50	5.0 l/ha Alachlor 384 EC	1.0 l/ha Acetak EC plus 3.0 – 5.0 l/ha Atrasien SC of 2.0 l/ha Atrasien SC plus 0.5 l/ha Trooper SL of 3.0 – 3.5 l/ha Atraflo Super 600 SC plus 0.5 l/ha Trooper SL

- Vroeë na-opkoms behandelings moet voor die 5-blaarstadium van breëblaaronkruid en voor stoel van eenjarige grasse toegedien word. *Digitaria sanguinalis* (kruisvingergras) moet voor die 3-blaarstadium behandel word.
- Word nie aanbeveel op gronde met minder as 0 – 10 % klei in die Noordwes-Provinsie, Noord- en Wes-Vrystaat nie.
- Dien **Trooper SL** toe volgens die onkruidgroeistadia soos op die **Trooper SL**-etiket aangedui.
- Vir volle besonderhede en onkruidbeheerlyste, verwys na die Atraflo Super 600 SC en Atrasien SC etikette onderskeidelik.

MIELIES – NA-OPKOMS (verlengde beheer van eenjarige grasse en breëblaaronkruid)

% KLEI	Acetak EC (l/ha)	Plus	Atrasien SC (l/ha)	Of	Atraflo Super 600 SC (l/ha)
0 – 10	1.0		2.0		2.0
11 – 20	1.2 – 1.5		3.0		2.5
21 – 30	1.5		3.0 – 3.5		3.0
31 – 50	1.5 – 1.75		3.5 – 5.0		3.0 – 3.5

- Dien **Acetak EC** toe as 'n vroeë na-opkoms behandeling in kombinasie met Atraflo Super 600 SC vir verlengde gras- en breëblaaronkruidbeheer sonder 'n vooropkoms behandeling. Dien toe voor die 5-blaarstadium van breëblaaronkruid en voor stoelstadium van grasse. *Digitaria sanguinalis* (kruisvingergras) moet voor die 3-blaarstadium behandel word.
- Nie aanbeveel op gronde met minder as 0 – 10 % klei in die Noordwes-Provinsie, Noord- en Wes-Vrystaat nie.
- Bestaande onkruid, ouer as die 5-blaarstadium, moet vernietig word met 'n vlak skoffelbewerking voor toediening.
- Bestaande breëblaaronkruid kan na-opkoms beheer word met **Trooper SL** volgens die onkruidgroeistadia soos aangedui op die **Trooper SL** etiket.
- Vir volle besonderhede en onkruidbeheerlyste, verwys na die Atraflo Super 600 SC en Atrasien SC etikette onderskeidelik.

SUIKERRIET - VOOROPKOMS

GEWAS/SITUASIE	% KLEI	Acetak EC (l/ha)	TOEDIENINGSTYD
Plant- en Ratoenriet Voor-opkoms toediening	0 – 30	2.0 – 2.5	Voor-opkomsbeheer van eenjarige grasse, sekere breëblaaronkruid en geeluintjie. Die hoër dosis kan gebruik word op gronde met meer as 30% klei en ook waar 'n langer nawerking wenslik is en/of waar verbeterde beheer van geeluintjie verlang word.
	> 30	2.5 – 3.0	
	-	Plus Ametrien SC @ 2.0 – 3.0 l/ha	Verbeterde voor-opkoms beheer van breëblaaronkruid. Gebruik die hoër dosis op gronde met meer as 30% klei en waar langer nawerking nodig is en/of vir verbeterde geeluintjiebeheer. Gebruik die laer dosis op ligter gronde.
	-	of Diuron 800 SC @ 3.0 l/ha	
	0 – 35	of Atrasien SC @ 2.0 – 5.0 l/ha	
	> 35	of Atrasien SC @ 3.0 – 5.0 kg/ha	

SUIKERRIET – NA-OPKOMS

GEWAS/SITUASIE	% KLEI	Acetak EC (l/ha)	TOEDIENINGSTYD
Na-opkoms toediening	0 – 30	2.0 – 2.5	Na die 5-blaarstadium van die gewas, moet die bespuiting tussen die rye gerig word.
	> 30	2.5 – 3.0	
	-	Plus Ametrien SC @ 6.0 l/ha + nie-ioniese bevorderingsmiddel @ 0.2% van spuitvolume of Ametrien SC @ 3.0 – 5.0 l/ha + SCORCHER @ 1.5 l/ha	Mag slegs tot en met die 2 – 3-blaarstadium van gewas toegedien word. Sal ook geeluintjies beheer.
	-	of Diuron 800 SC @ 2.5 – 3.0 l/ha + SCORCHER @ 1.5 l/ha of Trooper SL @ 2.0 l/ha	Mag slegs tot en met die 2 – 3-blaarstadium van gewas toegedien word. Sal ook geeluintjies beheer.
	-	of Atrasien SC @ 2.0 – 5.0 l/ha	Mag slegs tot en met die 2 – 3-blaarstadium van gewas toegedien word. Sal ook geeluintjies beheer.
	0 – 35	of Atrasien SC @ 3.0 – 5.0 l/ha	
	> 35		

- Gebruik die hoër dosis op die swaarder gronde
- Die na-opkomsbehandeling moet voor die stoelstadium van eenjarige grasse plaasvind.

ONKRUIDE WAT BEHEER SAL WORD DEUR Acetak EC:

Grassoorte (voor-opkoms)

Brachiaria eruciformis
Chloris virgata
Digitaria sanguinalis
Eleusine indica
Panicum maximum
Panicum schinzii
Setaria pallide-fusca
Setaria verticillata
Urochloa panicoides

Litjie-sinjalgras
Witpluim-Chloris
Kruisvingergras
Jongosgras
Gewone buffelsgras
Soetbuffelsgras
Rooiborselgras
Klitsborselgras
Beesgras

Breëblaaronkruid (voor-opkoms)

Amaranthus hybridus
Amaranthus spinosus
Amaranthus thunbergii
Anagallis arvensis
Chenopodium album
Chenopodium carinatum
Commelina benghalensis
Galinsoga parviflora

Gewone misbredie
Doringmisbredie
Rooimisbredie
Pimpernel
Withondebossie
Groenhondebossie
Bengaalse wandelende jood
Knopkruid

Portulaca oleracea
Schkuhria pinnata
Tagetes minuta

Porslein
Kleinkakiebos
Kakiebos

Wisselvallige beheer (voor-opkoms)

Cyperus esculentus
Chenopodium album
Cleome monophylla

Geeluintjie
Withondebossie
Rusperbossie

NOTA:

Die wisselvallige beheer van bogenoemde onkruid is afhanklik van omgewingstoestande. Die vooropkomsbeheer van *Cyperus esculentus* is afhanklik van die volgende

- Waar 'n keuse van dosis gegee word, moet die hoër dosis gebruik word.
- Voor aanplanting plaasvind, moet die grond diep bewerk word en 'n fyn, gelyk saadbed moet geskep word.
- **Acetak EC** moet toegedien word binne 2 dae na die plantproses.
- Genoeg aanhoudende reën of besproeiing (ten minste 15 mm op ligte gronde en 25 mm op swaar gronde) moet binne 7 dae van bespuiting val, sodat die uintjieplante kan ontkiem en begin ontwikkel.

Om die beheerspektrum van breëblaaronkruid te verbeter, word aanbeveel om of tenkengsels of opvolgbespuitings te maak, saam met geregistreerde breëblaaronkruid-beheermiddels, in kombinasie met **Acetak EC**, in ooreenstemming met die vervaardigers se aanbevelings.

Die registrasiehouer neem geen verantwoordelikheid vir beheer van onkruid wat nie gelys is nie.

ERKENNING VAN HANDELSMERKE

Atraflo Super 600 SC (Reg L. 5435)
Trooper SL (Reg L. 6806)
Alachlor EC
Atrazine SC
Ametryn SC
Diuron SC
Scorcher (Reg L. 9085)

Villa Crop Protection (Edms.) Bpk.
Meridian Agrochemical Company (Edms.) Bpk.
Verskeie
Verskeie
Verskeie
Verskeie
Meridian Agrochemical Company (Edms.)Bpk.