

CYCLONE ELITE

GEbruiksAANwysings INGESLUIT
VERWYS NA BESONDERHEDE
SOOS OP HOUER / SAK GEDRUK
 Lotnommer
 Datum van vervaardiging

DIRECTIONS FOR USE ENCLOSED
REFER TO DETAILS AS PRINTED
ON CONTAINER / BAG
 Batch Number
 Date of manufacture

BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY

CYCLONE ELITE
HERBICIDE


Reg. No. L8881, Act/Wet No. 36 of/van 1947
 Namibian Reg. No. N-AR 1633

2: 24/06/2016

A suspension concentrate herbicide for the pre- and/or post-emergence control of most annual grasses and broadleaf weeds in maize.

'n Suspensiekonsentraat onkruidodder vir die voor- en/of na-opkoms beheer van meeste eenjarige grasse en breëblaaronkruid in mielies.

HRAC HERBICIDE GROUP CODE	B;F2	HRAC ONKRUIDDODERGROEPPKODE
ACTIVE INGREDIENTS / AKTIEWE BESTANDDELE		
Flumetsulam (triazolopyrimidine)	25 g/l	Flumetsulam (triasolopirimidien)
Sulcotrione (triketone)	200 g/l	Sulkotrioan (triketoon)

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

10l



UN Number: 3082



CAUTION / VERSIGTIG



WARNINGS

- Allow 70 days between last application and harvest of maize and sweetcorn.
- Handle with care.
- May cause eye and skin irritation as well as skin sensitisation.
- Store under lock and key in a cool place.
- Store away from food, feed and fertilizers.
- Keep out of reach of children, uninformed persons and animals.
- **Aerial application:** Notify all inhabitants in the immediate vicinity of the area to be sprayed and issue the necessary warnings. Do not apply over water bodies and ensure that spray drift will not contaminate areas under treatment.

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 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, 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.
- Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed to a drip. Thereafter rinse the empty container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsate to the contents of the spray tank.
- Destroy the empty container and do not use for any other purpose.

USE RESTRICTIONS

- Do not use **CYCLONE ELITE** on experimental or newly released cultivars/varieties without first consulting your supplier or the seed company concerned.
- Do not use **CYCLONE ELITE** 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 **CYCLONE ELITE** to any crop or situation not mentioned in this instruction leaflet.
- Only apply **CYCLONE ELITE** using an accurate and safe application technique.
- Heavy rain on very sandy soils low in organic matter as well as flood irrigation can reduce weed control performance.
- Optimum weed control is obtained on a fine even seedbed, free of clods, trash and weeds. **CYCLONE ELITE** will also give weed control in stubble mulch or minimum tillage situations.
- If **CYCLONE ELITE** is used in a tank mix with other recommended herbicides, consideration should be given to the restrictions of those respective products.
- Use the lower rates on soils in the Northwest Province, North- and Western Free State.
- Use lower rates on lighter soils and where the weed population pressure is low.
- Make sure that sufficient fertilizer is applied and correctly placed at the time of planting to promote the growth of the seedlings.
- Do not apply this product in combination or tank mixture with any other product or agricultural remedy which is not specifically listed on this label. Meridian Agrochemical Company (Pty) Ltd accepts no responsibility for any negative effects experienced if the instructions on this label are not adhered to, unless a Meridian representative was consulted beforehand.
- Do not apply **CYCLONE ELITE** within 28 days after application of an organophosphate or carbamate insecticide. Similarly do not apply an organophosphate or carbamate insecticide within 28 days of

application of **CYCLONE ELITE**. Do not apply as a tank mixture with above mentioned products under any circumstances.

RESISTANCE WARNING

For resistance management **CYCLONE ELITE** is group code **F2/B** herbicide. Any weed population may contain individuals naturally resistant to **CYCLONE ELITE** and other group codes **F2/B** herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **CYCLONE ELITE** or any other group codes **F2/B** herbicide.

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 the control methods (chemical, cultural, biological) into weed control programmes.

For specific information on resistance management contact the registration holder of this product.

Since the occurrence of resistance cannot be forecast, users are advised to keep treated crops under close observation. If treatment is not effective following the use of **CYCLONE ELITE** as recommended, a resistant weed population may be present. If a resistant weed population is positively identified, consideration should be given to prompt use of a herbicide with a different mode of action for which there is no record of resistance to the relevant pest.

Meridian Agrochemical Company, trading as Meridian Agritech, will not accept any liability for performance failures in the event of a build-up of resistant weeds resulting from inadequate resistance management practices as indicated on the label.

Follow-on crops:

To avoid damage to follow-up crops, the following waiting periods should be adhered to:

Maize, Sweet corn	Nil
Grain Sorghum	1 month
Sunflowers, Groundnuts, Soya beans, Potatoes, Dry beans, Forage Sorghum and Cotton	3 months
CYCLONE ELITE plus PREFIX S EC Wheat, Broccoli, Carrots, Lucerne, Cucurbits, Tobacco, Green beans, peas (less than 500 ml) and Green peppers	4 months
Other Small grains and Peas	12 months
All Other Crops	24 months

NOTE: The waiting periods mentioned are only valid if the correct amount of **CYCLONE ELITE** plus mixture products have been applied and normal or above normal rains occurred during the season, and normal cultivation practices carried out. In the case of 'All Other Crops' a test planting is recommended in all cases.

DIRECTIONS FOR USE

Use only as directed.

MIXING INSTRUCTIONS

Half-fill the spray tank with suitable water, then add the required amount of **CYCLONE ELITE** 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 **CYCLONE ELITE** 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. **CYCLONE ELITE** is compatible with most pyrethroid insecticides, **ALKANOX EC**, **PREFIX S EC**, **TROOPER SL** and **ULTRAMOC XTRA EC**.

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 for ground application 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 a shallow cultivation, which will also incorporate the herbicide into the upper 10 – 20 mm of soil.

If soil crusting becomes a problem, rotary harrow in the same direction that the rows are planted, to assist maize germination. Harrowing after application may reduce weed control if untreated soil is thrown into deep planter furrows.

Apply **CYCLONE ELITE** preferably with or directly after planting but not later than three days after planting. Always use the lower rates on lighter soils and where the weed pressure is lower.

Ground application:

CYCLONE ELITE may be applied with any properly calibrated medium or high volume sprayer which is equipped with an efficient agitation mechanism capable of adequate coverage and even distribution. Best results are obtained using flat fan-type spray nozzles and applying a minimum spray volume of 200 l/ha.

AERIAL APPLICATION

Aerial application 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 Remedies). It is important to 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;

Equipment

- Use suitable atomising equipment (hydraulic nozzles or rotary atomisers) that will produce the desired droplet size and coverage of the target area and will ensure the minimum loss of product through drift.
- The operator must use a nozzle set-up that will produce a droplet spectrum with the lowest possible relative span.
- All nozzles and atomisers should be positioned within the inner 75% of the wingspan to prevent droplets from entering the wingtip vortices.

Application Parameters

- A minimum volume of 40 l spray mixture per ha is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy nor be held responsible for any adverse effects if this product is applied aerially at a lower volume rate than recommended.
- A droplet coverage of 30 – 40 droplets per sq cm must be recovered at the target.
- A droplet spectrum with a VMD of 250 – 280 microns is recommended. Ensure that the production of fine droplets, with a VMD less than 150 microns, is restricted to a minimum.
- The height of the spray boom should be maintained at between 3 and 4m above the target.
- Do not spray when the aircraft is in a climb, at the top of a turn or during a dive or when banking.
- Apply before the crop growth becomes too dense, which will interfere with overall plant coverage.

Meteorological Conditions

- The difference between the wet and dry bulb readings as determined by a whirling hygrometer, must not exceed 8 °C.
- Do not spray under turbulent, unstable conditions nor during the heat of the day when rising thermals and downdraughts occur.
- Do not spray under temperature inversion conditions (spraying in or above the inversion layer).
- Do not spray when the wind speed exceeds 15 km per hour.

General

- Ensure that fields are accurately marked and 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.

Pre-emergence aerial application:

- A minimum spray volume of 40 l/ha.

- A minimum of 20 to 30 droplets per cm² must be recovered on the target area.
- Employ a droplet spectrum with VMD of 450 micron. Ensure that the production of fine droplets (less than 150 microns with high drift and evaporation potential) is restricted to a minimum.

Factors affecting weed control:

- The performance of **CYCLONE ELITE** and its mixtures can be influenced by a number of factors which affect plant growth and therefore the herbicidal activity of the product. Factors such as soil pH, soil moisture, organic matter and weeds present may affect the residual action of the herbicide.
- Dry soil conditions after **pre-emergence** application may result in reduced control of germinating weeds. This can be corrected by surface blending or a post-emergence application of **CYCLONE ELITE** at the correct growth stage of the weeds and after rain.
- Continual overcast and rainy conditions after a **post-emergence** application may reduce the efficacy of the product.
- In areas with a high soil organic matter content the period of weed control may be shorter than indicated on the table.
- **The period of weed control expected should be 4 – 8 weeks depending on cultivation practices above conditions and weed species present.**
- When a post-emergence application of **CYCLONE ELITE** is anticipated, avoid the following:
 - Stress conditions of weeds caused by drought, cold weather conditions, disease, insect damage, mineral element deficiencies and waterlogging.
 - Application to weeds beyond the optimum growth stage.
 - Application to weeds that are not actively growing.
- Should one or more of these conditions prevail at the time of a **CYCLONE ELITE** application, herbicidal efficacy may be reduced.

MAIZE and SWEETCORN (excluding super sweet cultivars):

- Use only the recommended quantities of tank mixture products as laid out in the tables below.
- Apply **CYCLONE ELITE** as a pre-emergence application at planting or in a herbicide programme, or as an early post-emergence spray to the weeds and crop.
- When **CYCLONE ELITE** is applied alone or **CYCLONE ELITE** plus **TROOPER SL** post-emergence, the addition of a suitable surfactant is recommended (only where emerged weeds are present).

RECOMMENDATIONS

PRE-EMERGENCE APPLICATIONS

When applied pre-emergence, **CYCLONE ELITE** should be applied during or immediately after planting on a weed-free seedbed. The seedbed should ideally be fine and even without excessive crop residue to ensure the even distribution of **CYCLONE ELITE** on the soil surface.

TABLE 1. CYCLONE ELITE in tank mixture with **PREFIX S EC** for broad spectrum pre-emergence weed control as a single application in maize.

CROP	% CLAY	DOSAGE RATE (ℓ/ha)	
		PREFIX S EC	CYCLONE ELITE
Maize Pre-emergence tank mixtures	0 – 10	0.5	0.5 – 0.75
	11 – 15	0.75	0.75
	16 – 20	0.9	0.75 – 1.0
	21 – 50	1.0	0.75 – 1.0

REMARKS FOR TABLE 1

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

NOTE:

1. When paraquat is added, the application must take place before the crop emerges otherwise paraquat will cause damage to the crop.

2. In case of minimum tillage or stubble mulching, the amount of stubble and organic material at the soil surface may reduce the efficacy of **CYCLONE ELITE**. The representative of the manufacturer or distributor should be consulted.
- **CYCLONE ELITE** can be used as a pre-emergence herbicide in tank mixture with **PREFIX S EC**. However, **CYCLONE ELITE** can also be used in a programme with **PREFIX S EC** where the **PREFIX S EC** is applied at planting, followed by a **CYCLONE ELITE** application pre-emergence of weeds or with the addition of **TROOPER SL** or **ALKANOX EC** post-emergence of weeds. See the recommendations for post-emergence applications below.

TABLE 2. CYCLONE ELITE in tank mixture with **ULTRAMOC XTRA EC** for broad spectrum pre-emergence weed control in maize.

CROP	% CLAY	Ultramoc Xtra EC (ℓ/ha)	Cyclone Elite (ℓ/ha)	TIMING OF APPLICATION
Maize	0 – 10	-	-	Apply at, or immediately after, planting to a freshly prepared seedbed. Ensure that all conditions and restrictions for CYCLONE ELITE and ULTRAMOC XTRA EC are adhered to.
	11 – 20	1.0 – 1.4	0.75	
	21 – 30	1.4 – 1.5	1.0	
	31 – 40	1.5 – 1.7	1.0	
	41 – 50	1.7 – 2.0	1.0	

REMARKS FOR TABLE 2:

- Should other weeds be present which need to be controlled pre-emergence, consideration should be given to inclusion of products which are registered for the control of those specific weeds.
- This application may be followed up with applications of **CYCLONE**, **CYCLONE ELITE** or **PREMIERE**. Refer to these labels for full directions, instructions and restrictions.

POST-EMERGENCE APPLICATIONS

TABLE 3. CYCLONE ELITE in tank mixture with **TROOPER SL** for broad spectrum post-emergence weed control in maize.

CROP	DOSAGE RATE (ℓ/ha)	
	TROOPER SL	CYCLONE ELITE
Maize Post-emergence tank mixtures	0.35 – 0.5	0.75 – 1.0

TABLE 4. CYCLONE ELITE in tank mixture with **ALKANOX EC** for broad spectrum post-emergence weed control in maize.

CROP	DOSAGE RATE (ℓ/ha)	
	ALKANOX EC	CYCLONE ELITE
Maize Post-emergence tank mixtures	0.5	1.0

Remarks for post emergence tables

- The above application is recommended as a follow-up application to maize which has already been treated with a pre-emergence mixture containing a graminicide such as **PREFIX S EC** or **ULTRAMOC XTRA EC**. Failure to apply such a pre-emergence treatment is likely to result in abnormal weed pressure with consequent weed competition and poor follow-up post-emergence results.
- The above mixture may be applied immediately following mechanical cultivation on a pre-emergence basis, in which case no additional surfactant is required.
- For a post-emergence application, the maize must be at least in the 4-leaf stage.
- Should cold and wet weather conditions prevail or occur during or shortly after application of **CYCLONE ELITE**, chlorosis may occur but yield should not be affected.

- Broadleaf weeds should not be further developed than the 4-leaf stage and grasses not further than the 2-3-leaf stage should they be present at the time of application.
- A registered surfactant with penetrant activity such as Solitaire or H&R crop oil must be added to the spray mixture for all post-emergence applications where weeds have already emerged.
- The dosage rate selected from the table above is purely dependent upon weed species to be controlled and duration of control required.
- Consult the **ALKANOX EC** and **TROOPER SL** labels for the list of weeds for which control can be expected.

NOTE: TABLES 1 and 2 can be used as a program where **CYCLONE ELITE** and **PREFIX S** or **ULTRAMOC XTRA EC** are applied together pre-emergence of maize and weeds and then followed up with **CYCLONE ELITE** and **ALKANOX EC**, or **TROOPER SL** on a post-emergence of maize basis at the rates given in the tables above.

WEEDS CONTROLLED BY CYCLONE ELITE PLUS PREFIX S EC:

<i>Amaranthus deflexus</i>	Perennial pigweed
<i>Amaranthus hybridus</i>	Common pigweed
<i>Bidens pilosa</i>	Common Blackjack
<i>Chenopodium album</i>	White goosefoot
<i>Chloris virgata</i>	Feathertop chloris
<i>Cleome monophylla</i>	Spindlepod
<i>Cosmos bipinnatus</i>	Cosmos
<i>Crotalaria sphaerocarpa</i>	Mealie Crotalaria
<i>Datura ferox</i>	Large Thorn apple
<i>Digitaria sanguinalis</i>	Crab finger-grass
<i>Eleusine indica</i>	Goose grass
<i>Gisekia pharnaceiodes</i>	Gisekia
<i>Lepidium africanum</i>	Common peppergrass
<i>Nicandra physaloides</i>	Apple-of-Peru
<i>Portulaca oleracea</i>	Purslane
<i>Spermacoce senensis</i>	-
<i>Tagetes minuta</i>	Khaki weed
<i>Tragus racemosus</i>	Large carrotseed grass

Where the higher rates are used the following weeds may be additionally controlled:

<i>Acanthospermum hispidum</i>	Upright starbur
<i>Amaranthus spinosus</i>	Thorny pigweed
<i>Brachiaria eruciformis</i>	Sweet signal grass
<i>Cassia spp</i>	Cassia
<i>Chenopodium carinatum</i>	Green goosefoot
<i>Emex australis</i>	Spiny emex
<i>Hibiscus cannabinus</i>	Kenaf
<i>Hibiscus trionum</i>	Bladder weed
<i>Lolium multiflorum</i>	Italian ryegrass
<i>Medicago sativa</i>	Lucerne
<i>Panicum schinzii</i>	Sweet buffalo grass
<i>Physalis angulata</i>	Wild gooseberry
<i>Raphanus raphanistrum</i>	Wild radish
<i>Richardia brasiliensis</i>	Tropical richardia
<i>Schkuhria pinnata</i>	Dwarf marigold
<i>Setaria pallide-fusca</i>	Red bristle grass
<i>Sida cordifolia</i>	Heartleaf sida
<i>Solanum nigrum</i>	Nightshade
<i>Tribulus terrestris</i>	Dubbeltjie
<i>Urochloa panicoides</i>	Herringbone grass

NOTES:

The variable control of weeds mentioned directly above is dependent upon environmental conditions and rate of application. 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.
- **PREFIX S 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 within 7 days of spraying to leach the herbicide into the germination zone.

WEEDS CONTROLLED BY CYCLONE ELITE PLUS ULTRAMOC XTRA EC:

<i>Bidens pilosa</i>	Common Black Jack
<i>Brachiaria eruciformis</i>	Sweet signal grass
<i>Chloris virgata</i>	Feathertop Chloris
<i>Dactyloctenium aegyptium</i>	Crowfoot
<i>Datura ferox</i>	Large Thorn apple
<i>Digitaria sanguinalis</i>	Crab finger-grass
<i>Echinochloa crusgalli</i>	Banyard grass
<i>Eleusine indica</i>	Goose grass
<i>Panicum maximum</i>	Common buffalo grass
<i>Panicum schinzii</i>	Sweet buffalo grass
<i>Pseudobrachiaria deflexa</i>	False signal grass
<i>Setaria pallide-fusca</i>	Red bristle grass
<i>Setaria verticillata</i>	Sticky bristle grass
<i>Tragus berteronianus</i>	Small carrotseed grass
<i>Tragus racemosus</i>	Large carrotseed grass
<i>Urochloa mozambicensis</i>	Bushveld herringbone grass
<i>Urochloa panicoides</i>	Herringbone grass

VARIABLE CONTROL BY CYCLONE ELITE PLUS ULTRAMOC XTRA EC:

<i>Amaranthus hybridus</i>	Cape pigweed
<i>Amaranthus spinosus</i>	Thorny pigweed
<i>Amaranthus thunbergii</i>	Red pigweed
<i>Chenopodium carinatum</i>	Green goosefoot
<i>Cleome monophylla</i>	Spindlepod
<i>Commelina benghalensis</i>	Bengal wandering jew
<i>Cyperus esculentus</i>	Yellow nutsedge
<i>Galinsoga parviflora</i>	Gallant soldier
<i>Nicandra physaloides</i>	Apple of Peru
<i>Portulaca oleracea</i>	Purslane

NOTES:

The variable control of weeds mentioned directly above is dependent upon environmental conditions and rate of application. 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.
- **ULTRAMOC XTRA EC + CYCLONE ELITE** 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 within 7 days of spraying to leach the herbicide into the germination zone.
- Nutsedge will not be controlled at the reduced rates recommended in TABLE 2.

Weed species that were not present during the development trials of the product could possibly also be controlled to a greater or lesser degree. The registration holder does not accept any liability in respect of the control of unlisted weeds.

ACKNOWLEDGEMENT OF TRADEMARKS

Alkanox EC (L 9764)
 Prefix S EC (L 7362)
 Ultramoc Xtra EC (L 8878)
 Trooper SL (L 6806)
 Premiere (L 9116)
 Solitare (L 6962)
 H&R Crop Oil (L 6802)

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 SAFAGRIC (Pty.) Ltd.
 H&R South Africa Sales (Pty.) Ltd

WAARSKUWINGS

- Laat 70 dae toe tussen laaste toediening en oes van mielies en suikermielies.
- Hanteer versigtig.
- Mag oog en vel irriteer, sowel as velinflammasie en jeukerigheid veroorsaak.
- Bêre agter slot-en-grendel in 'n koel, droë plek.
- Bêre weg van voedsel, voer en kunsmis.
- Hou 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. Moenie oor aangrensende gebiede of water spuit of die spuitstof daarheen laat oorwaai 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 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 metode, tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei en die omgewing of vir nadelige invloede op mens of dier of vir 'n gebrek aan prestasie van die betrokke middel as gevolg van versuim van die gebruiker om die etiketaanwysings na te kom, of as gevolg van ontstaan van toestande wat nie kragtens die registrasie voorsien kon word nie. Raadpleeg die verskaffer in die geval van enige onsekerheid.

VOORSORGMATREËLS

- Moet nie dampe of spuitnewel inasem nie.
- Vermy kontak met die vel en oë deur beskermende oorklere te dra wanneer die produk gemeng word.
- In die geval van oogkontak, spoel oë met baie skoon water en kry mediese hulp indien nodig.
- Was met seep en water na gebruik en toevallige velkontak en was ook besoedelde klere.
- Moet nie eet, drink of rook tydens vermenging of toediening van die produk of voordat hande en gesig gewas is nie.
- Vermy wegdrywing van spuitnewel na ander gewasse, weiding, riviere, damme en areas wat nie onder behandeling is nie.
- Maak toedieningsapparaat voor en na gebruik skoon. Raak ontslae van spoelwater waar dit nie gewasse, weiding, riviere, damme en boorgate sal besoedel nie.
- Voorkom die besoedeling van voedsel, voer, drinkwater en eetgerei.
- Keer die leë houer oor die spuit- of mengtenk om en dreineer vir ten minstens 30 sekondes nadat die vloeï tot 'n drup afneem. Spoel daarna die leë houer **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.
- Vernietig die leë houer en moenie dit vir enige ander doel gebruik nie.

GEBRUIKSBEPERKINGS

- Moet nie **CYCLONE ELITE** op eksperimentele of nuut vrygestelde kultivars/variëteite gebruik alvorens u die verskaffer of saadmaatskappy geraadpleeg het nie.
- Moet nie **CYCLONE ELITE** op swak gedreineerde grond of grond met 'n kompaksielaag toedien nie. Die onkruidodder mag tydens versuiptoestande skade aan gewasse veroorsaak.
- Moet nie **CYCLONE ELITE** toedien op enige gewas of situasie wat nie op hierdie etiket verskyn nie.
- Dien **CYCLONE ELITE** slegs toe deur van akkurate en veilige toedieningsmetodes gebruik te maak.
- Swaar reën op sandgronde met 'n lae organiese materiaalinhoud, sowel as vloedbesproeiing, mag lei tot verswakte onkruidbeheer.
- Optimale onkruidbeheer word verkry op 'n goed voorbereide saadbed, met 'n egalige oppervlakte, wat vry van kluite, plantreste en onkruid is. **CYCLONE ELITE** sal ook onkruidbeheer waar minimum- of stoppelbewerking (deklaag) toegepas word.
- Indien **CYCLONE ELITE** met ander geregistreerde middels in tenkmengsel gebruik word, moet die gebruiksbeperkings van daardie betrokke produkte gevolg word.
- Gebruik die laer dosis op gronde in die Noordwes Provinsie, Noord- en Wes-Vrystaat.

- Gebruik die laer dosis op ligter gronde en waar die onkruidpopulasiedruk laag is.
- Verseker dat voldoende kunsmis toegedien word en korrek by planttyd neergesit word om die groei van die saailinge te bevorder.
- Moenie hierdie produk in kombinasie of as 'n tenkmengsel met enige ander produk of landboumiddel gebruik wat nie spesifiek op hierdie etiket aangedui is nie. Meridian Agrochemical Company (Edms.) Bpk. aanvaar geen verantwoordelikheid vir enige negatiewe gevolge of resultate indien die instruksies op die etiket nie nagekom word nie, tensy 'n Meridian Agritech verteenwoordiger vooraf geraadpleeg is.
- Moenie **CYCLONE ELITE** binne 28 dae na toediening van 'n organofosfaat- of karbamaatinsekdoder toedien nie. Net so moet 'n organofosfaat- of karbamaatinsekdoder nie binne 28 dae van toediening van **CYCLONE ELITE**, toegedien word nie. Moet onder geen omstandighede bogenoemde produkte saam in 'n tenkmengsel toedien nie.

WEERSTANDSWAARSKUWING

Vir weerstandsbestuur is **CYCLONE ELITE** 'n groepkode **B;F2** onkruiddoder. Enige onkruidpopulasie mag individue insluit wat 'n natuurlike weerstand teen **CYCLONE ELITE** en enige ander groepkodes **B;F2** onkruiddoder het. Die weerstandbiedende individue kan uiteindelik die onkruidpopulasie oorheers indien hierdie onkruiddoders herhaaldelik gebruik word. Hierdie weerstandbiedende onkruid sal waarskynlik nie deur **CYCLONE ELITE** of enige ander Groepkodes **B;F2** onkruiddoder beheer word nie.

Om weerstand teen onkruiddoders te vertraag

- Vermoë die eksklusiewe herhaaldelike gebruik van onkruiddoders in dieselfde groepkode. Wissel af met, of gebruik tenkmengsels van, produkte van verskillende onkruiddodergroepkodes.
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in onkruidbeheerprogramme.

Vir spesifieke inligting oor weerstandsbestuur, kontak die registrasiehouer van hierdie produk.

Opvolggewasse

Om skade aan opvolggewasse te voorkom, moet die volgende wagperiodes nagekom word:

Mielies, Suikermielies	Nul
Graansorghum	1 maand
Sonneblomme, Grondbone, Sojabone, Aartappels, Droëbone, Voersorghum en Katoen	3 maande
CYCLONE ELITE plus PREFIX S EC Koring, Spruitkool (Broccoli), Wortels, Lusern, Pampoengewasse, Tabak, Groenbone, Ertjies (dosis minder as 500 ml) en Groen Soetrissies	4 maande
Ander Kleingrane en Ertjies	12 maande
Alle ander Gewasse	24 maande

Nota: Die bogenoemde wagperiodes geld slegs indien die korrekte hoeveelheid **CYCLONE ELITE** plus mengselprodukte toegedien is en normale of meer as die normale reënval gedurende die seisoen voorgekom het en normale boerderypraktyke toegepas is. In die geval van "Alle ander Gewasse" word 'n planttoets in alle gevalle aanbeveel.

GEBRUIKSAANWYSINGS

Gebruik slegs soos aangedui.

MENGINSTRUKSIES

Maak die spuittenk halfvol met geskikte water en voeg die benodigde hoeveelheid **CYCLONE ELITE** by die water in die tenk terwyl dit geroer word. Vul die spuittenk tot die verlangde volume. As tenkmengsels met ander onkruiddoders gemaak word, moet die betrokke vervaardiger se etiket gevolg word. **Die tenkmengsels moet onmiddellik uitgespuut word en nie toegelaat word om oornag in die spuittenk te staan nie.** Die spuittoerusting moet aan die einde van toediening deeglik uitgespoel word.

VERENIGBAARHEID

Die verenigbaarheid van **CYCLONE ELITE** met ander produkte hang van die formulering van die betrokke produkte af, asook van die kwaliteit van die spuitwater. Soos formuleringe van tyd tot tyd verander, word dit aanbeveel dat 'n fisiese verenigbaarheidstoets uitgevoer word alvorens die tenkmengsel gemaak word. **CYCLONE ELITE** is verenigbaar met die meeste piretroïed-insekdoders soos **ALKANOX EC**, **PREFIX S EC**, **TROOPER SL** en **ULTRAMOC XTRA EC**.

TOEDIENINGSMETODES

Maak seker dat die spuittoerusting korrek gekalibreer is en gereeld nagegaan word tydens toediening om egalige en akkurate toediening te verseker. Rugsakspuite of trekkegeremonteerde balkspuite kan gebruik word. 'n Spuitvolume van 200-300 l/ha moet gebruik word vir grondtoediening en dit kan toegedien word met platwaaierspuitpunte; verkieslik dié wat wegdrywing en klein druppelvorming verhoed. **Konstante roering gedurende die spuitproses is noodsaaklik.** Gebruik slegs skoonwater vir toediening.

Reënval is noodsaaklik om die produk na die sone waar die onkruid ontkiem, te loog en daarvoor is 10 - 15 mm reën of besproeiing nodig binne 7 dae na toediening, om optimale resultate te verseker. Onder droë toestande mag onkruidsaailinge opkom. Dié onkruid kan vernietig word deur 'n vlak bewerking wat terselfdertyd die onkruid doder met die boonste 10 - 20 mm grondlaag vermeng.

Indien korsvorming 'n probleem word moet 'n roltandeg in dieselfde rigting as die plantrye gebruik word om die ontkieming van die mielies te bevorder. Skoffelbewerking na toediening mag onkruidbeheer benadeel wanneer onbehandelde grond na die oppervlak gebring word.

CYCLONE ELITE moet verkieslik met of net na aanplanting toegedien word, maar nie later as drie dae na aanplanting nie. Gebruik altyd die laer dosis op ligte gronde en wanneer die onkruidruk laag is.

GRONDTOEDIENING

CYCLONE ELITE kan met enige behoorlike gekalibreerde medium- tot hoëvolume spuittoerusting toegedien word, wat toegerus is met 'n doeltreffende roermeganisme wat egalige bedekking sal verseker. Die beste resultate word verkry deur die gebruik van platwaaierspuitpunte in 'n minimum spuitvolume van 200 l/ha.

LUGTOEDIENING

Lugtoediening mag slegs deur 'n geregistreerde lugbespuitingsoperateur met 'n korrek gekalibreerde, geregistreerde vliegtuig volgens die instruksies van SANS Kode 10118 (Aerial Application of Agricultural Pesticides) gedoen word. Dit is belangrik om te verseker dat die spuitmengsel eweredig oor die teikenarea versprei word en dat die verlies aan spuitmengsel tydens toediening tot 'n minimum beperk word. Dit is dus noodsaaklik om aan die volgende vereiste te voldoen:

Toerusting

- Gebruik geskikte atomiseringsapparaat (hidroliese of roterende spuitkoppe) wat die vereiste druppelgrootte en bedekking van die teikenarea sal produseer, maar wat die minste verlies van produk deur wegdrywing sal verseker.
- Die operateur moet 'n spuitstelsel gebruik wat 'n druppelspektrum met die kleinste moontlike relatiewe span sal produseer.
- Al die spuitkoppe en atomiseerders moet in die binneste 75% van die vlerkspan geplaas word om die beweging van druppels binne-in die vlerkpuntvorteks te beperk.

Toedieningsvereistes

- 'n Minimum volume van 40 l spuitmengsel per ha word aanbeveel. Aangesien hierdie produk nie teen 'n verlaagde volume getoets is nie, kan die registrasiehouer nie effektiwiteit waarborg, of verantwoordelik vir enige nadelige effekte ervaar, gehou word indien hierdie produk teen 'n laer volume as hierbo aanbeveel, uit die lug toegedien word nie.
- 'n Druppelbedekking van 30 - 40 druppels per vierkante cm moet op die teikenarea herwin word.
- 'n Druppelspektrum met 'n VMD van 250 - 280 mikron word aanbeveel. Verseker dat die produksie van fyn druppels, die wat kleiner as 150 mikron is, tot 'n minimum beperk word.
- Die hoogte van die spuitbalk moet tussen 3 en 4m bokant die teiken gehandhaaf word.
- Moet nie spuit wanneer die vliegtuig besig is om te klim, te draai, te duik of terwyl dit uitklim nie.
- Dien toe voordat die gewas te dig(ruig) word, aangesien dit die algehele bedekking sal beïnvloed.

Meteorologiese toestande

- Die verskil tussen die nat- en droëboltermometer-lesings, soos deur 'n swaaihygrometer bepaal, moet nie 8 °C oorskry nie.
- Moet nie tydens turbulente of onstabiele weerstoestande toedien nie of gedurende die hitte van die dag wanneer stygende en dalende lugbewegings plaasvind nie.
- Moenie onder temperatuurinversie-toestande (bokant of binne-in die inversielaag) spuit nie.
- Moenie spuit indien die windspoed 15 km per uur oorskry nie.

Algemeen

- Verseker dat die lande akkuraat gemerk is en dat die spuitoperateur presies weet watter lande gespuit moet word.

- Verkry 'n versekering van die spuitoperator dat aan die bogenoemde vereistes voldoen sal word en dat die betrokke data in 'n logboek vir toekomstige verwysing saamgevat is.

Voor-opkoms toediening

- 'n Minimum spuitvolume van 40 l/ha.
- 'n Minimum van 20 tot 30 druppels per cm² moet op die teikengebied herwin word.
- Gebruik 'n druppelspektrum met 'n VMD van 450 mikron. Verseker dat die produksie van fyn druppels (kleiner as 150 mikron met hoë wegdrywings- en verdampingspotensiaal) tot 'n minimum beperk word.

Faktore wat onkruidbeheer beïnvloed

- Die werking van die **CYCLONE ELITE** en sy mengsels kan beïnvloed word deur 'n aantal faktore wat die groei van plante en dus die onkruidodende aktiwiteit van die produk ook sal beïnvloed. Faktore soos grond-pH, grondvog, organiese materiaal en teenwoordig van onkruid kan die nawerking van die onkruidoder beïnvloed.
- Droë grondtoestande na die **vooropkomstoediening** kan tot verlaagde beheer van ontkiemende onkruid lei. Dit kan reggestel word deur die oppervlakte meganies te breek of met 'n na-opkomstoediening van **CYCLONE ELITE** by die korrekte onkruidgroeistadium en nadat dit gereën het.
- Aanhoudende reën en bewolkte toestande na 'n **na-opkomstoediening** mag die effektiwiteit van die produk verlaag.
- In grond met 'n hoë organiese materiaalinhoud kan die tydperk van onkruidbeheer korter wees as wat op die tabel aangedui is.
- **Die verwagte tydperk van onkruidbeheer moet 4 - 8 weke wees, afhangende van verbouingspraktyke, bogenoemde voorwaardes en onkruidspesies teenwoordig.**
- Wanneer 'n **na-opkomstoediening** van **CYCLONE ELITE** in die vooruitsig gestel word, vermy die volgende:
 - Strestoestande by onkruid veroorsaak deur droogte, koue toestande, siektes, inseksskade, minerale tekorte en versuiping.
 - Toediening op onkruid ouer as die optimum groeistadium.
 - Toediening op onkruid wat nie aktief groei nie.
- Indien een of meer van hierdie toestande tydens toediening van **CYCLONE ELITE** voorkom, kan die onkruidoderwerking verlaag word.

MIELIES en SUIKERMIELIES (supersoet kultivars uitgesluit):

- Gebruik slegs die aanbevole hoeveelhede van die tenkmengselprodukte soos hieronder in die tabelle uiteengesit.
- Dien **CYCLONE ELITE** as 'n vooropkomstoediening tydens plant, of in 'n onkruidoderprogram, of as 'n vroeë na-opkomsbespuiting van beide onkruid en gewas toe.
- Wanneer **CYCLONE ELITE** op sy eie toegedien word, of wanneer **CYCLONE ELITE** saam met **TROOPER SL** as 'n na-opkomsbespuiting gedoen word, word die byvoeging van 'n geskikte benatter aanbeveel (slegs waar onkruid sigbaar teenwoordig is).

AANBEVELINGS

VOOROPKOMS-TOEDIENINGS (TABEL 1 en 2)

Wanneer **CYCLONE ELITE** vooropkoms toegedien word, moet dit tydens of onmiddellik na plant, op 'n onkruidvrye saadbed geskied. Die saadbed moet fyn en egalig wees, sonder oormatige kluite en plantreste om die eweredige verspreiding van **CYCLONE ELITE** op die grondoppervlak te verseker.

TABEL 1. CYCLONE ELITE in 'n tenkmengsel saam met **PREFIX S EC** vir breëspektrum vooropkoms-onkruidbeheer as 'n enkele toediening in mielies.

GEWAS	% KLEI	DOSIS (l/ha)	
		PREFIX S EC	CYCLONE ELITE
MIELIES Vooropkoms tenkmengsel	0 – 10	0.5	0.5 – 0.75
	11 – 15	0.75	0.75
	16 – 20	0.9	0.75 – 1.0
	21 – 50	1.0	0.75 – 1.0

Opmerkings oor TABEL 1

- Waar minimum- of stoppelbewerking toegepas word, kon onkruid ten tye van plant alreeds opgekom het. Indien mielies of graansorghum onder sulke omstandighede geplant is, of as hulle geplant is in 'n ou saadbed waar grasse alreeds ontkiem het, en/of die breëblaaronkruid verby die vier-blaarstadium ontwikkel het, word dit aanbeveel dat parakwat by die **CYCLONE ELITE** spuitoplossing gevoeg word, teen 'n dosis wat deur die vervaardiger aanbeveel is. Die parakwat sal die bestaande onkruid vernietig en die ontstaan van 'n skoon vooropkomsomgewing skep wat sal toelaat dat **CYCLONE ELITE** effektief werk.

NOTA:

- Wanneer parakwat bygevoeg word, moet die toediening plaasvind voordat die gewas opkom, anders sal parakwat skade aan die gewas veroorsaak.
 - In die geval van minimum- of stoppelbewerking kan oormatige stoppels en organiese materiaal op die oppervlak die doeltreffendheid van die **CYCLONE ELITE** verminder. Die verteenwoordiger van die vervaardiger of die verspreider behoort geraadpleeg te word vir spesifieke aanvelings onder sulke omstandighede.
- CYCLONE ELITE** kan as 'n vooropkoms-onkruidodder in 'n tenkmengsel met **PREFIX S EC** gebruik word. **CYCLONE ELITE** kan egter ook in 'n program met **PREFIX S EC** gebruik word, waar die **PREFIX S EC** tydens planttyd toegedien word; gevolg deur 'n **CYCLONE ELITE** toediening vir die vooropkomsbeheer van onkruid of met die toevoeging van **TROOPER SL** of **ALKANOX EC** by na-opkoms van onkruid.

TABEL 2. CYCLONE ELITE in 'n tenkmengsel saam met **ULTRAMOX XTRA EC** vir breëspektrum na-opkoms beheer van onkruid in mielies.

GEWAS	% KLEI	Ultramox Xtra EC (ℓ/ha)	Cyclone Elite (ℓ/ha)	TYD VAN TOEDIENING
MIELIES	0 – 10	-	-	Toediening moet tydens of net na plant op 'n goed voorbereide saadbed gedoen word. Verseker dat alle voorwaardes en beperkings van CYCLONE ELITE en ULTRAMOX XTRA EC nagekom word.
	11 – 20	1.0 – 1.4	0.75	
	21 – 30	1.4 – 1.5	1.0	
	31 – 40	1.5 – 1.7	1.0	
	41 – 50	1.7 – 2.0	1.0	

OPMERKINGS OOR TABEL 2

- Indien daar onkruid is wat vooropkoms beheer moet word, moet daar oorweging geskenk word om geregistreerde produkte wat hierdie spesifieke onkruid kan beheer, in te sluit.
- Hierdie bespuiting mag deur die toediening van **CYCLONE**, **CYCLONE ELITE** of **PREMIERE** opgevolg word. Raadpleeg hierdie etikette vir volledige aanbevelings, aanwysings en beperkings.

NA-OPKOMS TOEDIENINGS (TABEL 3 en 4)

TABEL 3. CYCLONE ELITE in 'n tenkmengsel saam met **TROOPER SL** vir breëspektrum na-opkoms beheer van onkruid in mielies.

GEWAS	DOSIS (ℓ/ha)	
	TROOPER SL	CYCLONE ELITE
MIELIES Na-opkoms tenkmengsel	0.35 – 0.5	0.75 – 1.0

TABEL 4. CYCLONE ELITE in 'n tenkmengsel saam met **ALKANOX EC** vir breëspektrum na-opkoms beheer van onkruid in mielies.

GEWAS	DOSIS (ℓ/ha)	
	ALKANOX EC	CYCLONE ELITE
MIELIES Na-opkoms tenkmengsel	0.5	1.0

Opmerkings oor na-opkoms tabelle

- Die bostaande aanwending word as 'n opvolgbespuiting op mielies aanbeveel, wat alreeds met 'n vooropkoms-grasdodermengsel soos **PREFIX S EC** of **ULTRAMOC XTRA EC**, behandel is. Versuim om so 'n vooropkomsbehandeling te volg, kan tot abnormale hoë onkruiddruk en onkruidkompetisie lei en gevolglike swak resultate by na-opkoms opvolgbespuitings hê.
- Die bogenoemde mengsels kan ook direk na meganiese bewerking toegedien word, alvorens enige onkruid weer ontkiem het. In so 'n geval is die byvoeging van 'n benattingsmiddel nie noodsaaklik nie.
- Vir 'n na-opkoms toediening, moet die mielies ten minste in die 4-blaarstadium wees.
- Indien koue en nat weerstoestande tydens of kort na die toediening van **CYCLONE ELITE** heers, kan chlorose voorkom; dit sal egter nie die opbrengs beïnvloed word nie.
- Met tyd van toediening moet breëblaaronkruid nie verder as die 4-blaarstadium en grasse as die 2-3-blaarstadium ontwikkel wees nie.
- 'n Geregistreerde benatter met penetreer-eienskappe soos Solitaire of H&R Crop Oil moet by die spuitmengsel gevoeg word vir alle na-opkomstoeienings vir onkruid wat alreeds verskyn het.
- Die gekose dosis van die tabel hierbo hang van die onkruidspesies wat beheer moet word af, asook die lengte van beheer wat verlang word.
- Raadpleeg die **ALKANOX EC** en **TROOPER SL** etiket vir die lys van onkruid wat beheer word.

NOTA: TABEL 1 en 2 kan gebruik word as 'n program waar die **CYCLONE ELITE** en **PREFIX S EC** of **ULTRAMOC XTRA EC** saam as vooropkoms van die mielies en onkruid toegedien word en dan opgevolg word met **CYCLONE ELITE** en **ALKANOX EC** of **TROOPER SL** as 'n na-opkoms by mielies teen hoeveelhede wat in die tabelle hierbo aangedui word.

ONKRUIDE WAT DEUR CYCLONE ELITE PLUS PREFIX S EC BEHEER SAL WORD:

<i>Amaranthus deflexus</i>	Meerjarige misbredie
<i>Amaranthus hybridus</i>	Kaapse misbredie
<i>Bidens pilosa</i>	Knapsekêrel
<i>Chenopodium album</i>	Withondebossie
<i>Chloris virgata</i>	Witpluim-Chloris
<i>Cleome monophylla</i>	Rusperbossie
<i>Cosmos bipinnatus</i>	Kosmos
<i>Crotalaria sphaerocarpa</i>	Mielie-Crotalaria
<i>Datura ferox</i>	Groot stinkblaar
<i>Digitaria sanguinalis</i>	Kruisvingergras
<i>Eleusine indica</i>	Jongosgras
<i>Gisekia pharnaceioides</i>	Gisekia
<i>Lepidium africanum</i>	Peperbossie
<i>Nicandra physaloides</i>	Basterappelliefie
<i>Portulaca oleracea</i>	Porslein
<i>Spermacoce senensis</i>	-
<i>Tagetes minuta</i>	Kakiebos
<i>Tragus racemosus</i>	Groot wortelsaadgras

Waar die hoër dosis gebruik word, sal die volgende onkruid waarskynlik addisioneel beheer word:

<i>Acanthospermum hispidum</i>	Regopsterklits
<i>Amaranthus spinosus</i>	Doringmisbredie
<i>Brachiaria eruciformis</i>	Litjiesinjalgras
<i>Cassia spp</i>	-
<i>Chenopodium carinatum</i>	Groenhondebossie
<i>Emex australis</i>	Kaapse dubbeltjie
<i>Hibiscus cannabinus</i>	Wildestokroos
<i>Hibiscus trionum</i>	Terblansbossie
<i>Lolium multiflorum</i>	Italiaanse raaigras
<i>Medicago sativa</i>	Lusern
<i>Panicum schinzii</i>	Soetbuffelsgras
<i>Physalis angulate</i>	Wilde-appelliefie
<i>Raphanus raphanistrum</i>	Ramenas
<i>Richardia brasiliensis</i>	Tropiese-Richardia
<i>Schkuhria pinnata</i>	Kleinkakiebos

<i>Setaria pallide-fusca</i>	Rooiborselgras
<i>Sida cordifolia</i>	Hartblaartaaiman
<i>Solanum nigrum</i>	Nastergal
<i>Tribulus terrestris</i>	Dubbeltjie
<i>Urochloa panicoides</i>	Beesgras

NOTAS:

Die wisselvallige beheer van bogenoemde onkruid sal afhang van omgewingstoestande en die dosis van die aanwending. Die vooropkomsbeheer van *Cyperus esculentus* (Geeluintjie) sal afhang van die volgende:

- Waar 'n dosis keuse gegee word, moet die hoër dosis gebruik word.
- Aanplanting in 'n ferm en fyn saadbed moet voorafgegaan word deur 'n diep ploeg.
- **PREFIX S EC** moet toegedien word binne 2 dae na die plantproses.
- Genoeg aanhoudende reën of besproeiing (ten minste 15 mm op ligte grond en 25 mm op swaar grond) moet binne 7 dae van bespuiting val, sodat die onkruid doder tot in die ontkiemingsgebied kan inloeg.

ONKRUIDE WAT DEUR CYCLONE ELITE PLUS ULTRAMOX XTRA EC BEHEER SAL WORD:

<i>Bidens pilosa</i>	Knapsekêrel
<i>Brachiaria eruciformis</i>	Litjiesinjalgras
<i>Chloris virgate</i>	Witpluim-Chloris
<i>Dactyloctenium aegyptium</i>	Crowfoot
<i>Datura ferox</i>	Groot stinkblaar
<i>Digitaria sanguinalis</i>	Kruisvingergras
<i>Echinochloa crusgalli</i>	Hanepootmanna
<i>Eleusine indica</i>	Jongosgras
<i>Panicum maximum</i>	Gewone buffelsgras
<i>Panicum schinzii</i>	Soetbuffelsgras
<i>Pseudobrachiaria deflexa</i>	Bastersinjalgras
<i>Setaria pallide-fusca</i>	Rooiborselgras
<i>Setaria verticillata</i>	Klitsborselgras
<i>Tragus berteronianus</i>	Klein wortelsaadgras
<i>Tragus racemosus</i>	Groot wortelsaadgras
<i>Urochloa mozambicensis</i>	Bosveld beesgras
<i>Urochloa panicoides</i>	Beesgras

WISSELVALLIGE BEHEER DEUR CYCLONE ELITE PLUS ULTRAMOC XTRA EC:

<i>Amaranthus hybridus</i>	Kaapse misbredie
<i>Amaranthus spinosus</i>	Doring misbredie
<i>Amaranthus thunbergii</i>	Rooimisbredie
<i>Chenopodium carinatum</i>	Groenhondebossie
<i>Cleome monophylla</i>	Rusperbossie
<i>Commelina benghalensis</i>	Bengaalse wandelende Jood
<i>Cyperus esculentus</i>	Geeluintjie
<i>Galinsoga parviflora</i>	Knopkruid
<i>Nicandra physaloides</i>	Basterappeliefie
<i>Portulaca oleracea</i>	Porslein

NOTAS:

Die wisselvallige beheer van bogenoemde onkruid sal afhang van omgewingstoestande en die dosis van die aanwending. Die vooropkomsbeheer van *Cyperus esculentus* (Geeluintjie) sal afhang van die volgende:

- Waar 'n dosis keuse gegee word, moet die hoër dosis gebruik word.
- Aanplanting in 'n ferm en fyn saadbed moet voorafgegaan word deur 'n diep ploeg.
- **PREFIX S EC** moet toegedien word binne 2 dae na die plantproses.
- Genoeg aanhoudende reën of besproeiing (ten minste 15 mm op ligte grond en 25 mm op swaar grond) moet binne 7 dae van bespuiting val, sodat die onkruid doder tot in die ontkiemingsgebied kan inloeg.

- Geeluintjies sal nie teen die verlaagde dosis, soos in Tabel 2 aanbeveel, beheer word nie.

Onkruidspesies wat nie tydens die ontwikkelingsproewe van die produk teenwoordig was nie, mag moontlik ook tot 'n minderde of meerdere mate beheer word. Die registrasiehouer aanvaar geen verantwoordelikheid vir die beheer van onkruid wat nie gelys is nie.

ERKENNING VAN HANDELSMERKE

Alkanox EC (L 9764)	Meridian Agrochemical Company (Edms.) Bpk.
Prefix S EC (L 7362)	Meridian Agrochemical Company (Edms.) Bpk.
Trooper SL (L 6806)	Meridian Agrochemical Company (Edms.) Bpk.
Ultramoc Xtra EC (L 8878)	Meridian Agrochemical Company (Edms.) Bpk.
Premiere (L 9116)	Meridian Agrochemical Company (Edms.) Bpk.
Solitare (L 6962)	SAFAGRIC (Edms.) Bpk.
H&R Crop Oil (L 6802)	H&R South Africa Sales (Edms.) Bpk.