



# PREMIERE

**BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY**

**GEBRUIKSAANWYSINGS INGESLUIT**  
**VERWYS NA BESONDERHEDE**  
**SOOS OP HOUER / SAK GEDRUK**

Lotoonmer  
Datum van vervaardiging

## PREMIERE

HERBICIDE

Reg. No. L9116, Act/Wet No. 36 of/van 1947  
N – AR 1630

1:18/02/2013

**A suspension concentrate systemic herbicide for the pre- and post-emergence control and suppression of annual grasses and broadleaf weeds in maize.**

**'n Suspensiekonsentraat onkruidodder vir die voor- en na-opkoms beheer en onderdrukking van eenjarige grasse en breëblaaronkruid in mielies.**

HRAC HERBICIDE GROUP CODE	F2	HRAC ONKRUIDDODER GROEPKODE
<b>ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL</b>		
Mesotrione (callistemone) 480 g/l		Mesotrioon (callistemoon)

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

5l

UN Number: 3082

CAUTION / VERSIGTIG

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

Batch Number  
Date of manufacture

## WARNINGS

Allow the following number of days between last treatment and harvest or grazing:

Maize.....56 days

- May cause irritation to the eyes and skin.
- Store under lock and key in a cool, dry place away from food, feed, fertilizer and other agricultural products.
- Keep out of reach of children, uninformed persons and animals.
- **Do not use in sweet corn or popcorn.**
- **Re-entry** – Do not enter treated area until the spray deposit has dried unless wearing protective clothing.
- **Aerial application:** Notify all inhabitants in the immediate vicinity of the area to be sprayed and issue the necessary warnings. Do not 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 for at least 15 minutes 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.
- Do not spray, drain or flush equipment on or near trees or plants, or where their roots may reach.
- Prevent contamination of food, feeds, drinking water and eating utensils.
- Invert the empty container over the spray or mixing tank and allow it 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 **PREMIERE** on sweetcorn, popcorn, inbred parent lines or experimental or newly released cultivars/varieties without first consulting your supplier or the seed company concerned.
- Do not apply to any crop or situation not mentioned in this label.
- 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 **PREMIERE** through any irrigation system other than a perfectly functional centre pivot irrigation system.
- Soil disturbance following pre- or post-emergence application of **PREMIERE** may result in re-germination of weeds, resulting in a reduction in overall weed control.

#### Follow-up crops:

The following waiting periods should be adhered to with respect to follow-up crops:

Wheat and barley	1 month
Grain sorghum	2 months
Potatoes	6 months
Soybeans, dry beans, groundnuts, sunflowers and cotton	9 months
All other crops	24 months

All rotational crops should be planted only after thorough cultivation. Since the product is metabolised by microbial activity, periods of low microbial activity may extend the residual activity of **PREMIERE**. Should there be any uncertainty, a test planting is recommended in all cases.

#### PRE-EMERGENCE WEED CONTROL

- Optimum weed control is obtained on a fine, even, well-prepared seedbed, free of clods, trash and weeds.
- Prolonged dry soil conditions following pre-emergence application may result in reduced weed control.
- **Do not apply to crops and weeds stressed by abnormal weather or growing conditions, drought, waterlogged soil, insect damage, nematode infections, diseases, nutritional deficiencies or crops under stress through prior use of other agrochemicals.**
- Avoid use of organophosphate insecticides in combination with **PREMIERE** as crop damage may occur.
- Do not use **PREMIERE** plus acetanilide graminicides 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 use where flood irrigation is practiced.
- 10 – 20 mm of rain or irrigation is required following application so as to leach the chemical into the germination zone of the weeds. Reduced weed control may occur if this is not achieved.
- Ensure that sufficient fertiliser is correctly placed near the seed at planting to promote vigorous seedling growth.

#### POST-EMERGENCE WEED CONTROL

- Ensure that application is made to weeds carrying true leaves-cotyledons are not true leaves.
- Do not apply whilst weeds are wet, dormant, covered in a layer of dust or damaged by frost.
- The uptake, translocation and activity of systemic herbicides such as **PREMIERE** can be reduced when weeds are growing under stress conditions and it is essential that they are growing actively. Do not apply to crops and weeds stressed by abnormal weather or growing conditions, drought, waterlogged soil, insect damage, nematode infections, diseases, nutritional deficiencies or crops under stress through prior use of other agrochemicals. Escape weeds may emerge when application is made under prolonged stress conditions. Optimum weed control will be achieved if application is delayed until
- the stress conditions have passed and weeds and crop are once again growing actively, provided the weeds are in the correct growth stage.
- Do not use **PREMIERE** on crops which already show symptoms of soil borne diseases as the combination of disease and **PREMIERE** application may result in stand loss.
- Temporary crop injury in the form of bleaching may occur under extreme weather conditions such as inadequate or excessive soil moisture or temperature extremes. Prolonged overcast conditions may also lead to temporary crop bleaching.
- Do not apply **PREMIERE** 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 **PREMIERE**. Do not apply as a tank mixture with above mentioned products under any circumstances.
- Avoid drift to adjacent crops.

- Do not apply **PREMIERE** to any crop or situation not mentioned in this label.
- Only apply **PREMIERE** using an accurate and safe application technique. Do not apply through irrigation systems.
- If **PREMIERE** is used in a tank mix with other recommended remedies, consideration must be given to the restrictions of those respective products.

## **DIRECTIONS FOR USE**

**Use only as directed.**

## **MIXING INSTRUCTIONS**

Half-fill the spray tank with suitable water, then add the required amount of **PREMIERE** 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. Should tank mixtures be made, the **PREMIERE** should be added firstly followed by other SC formulations followed by EC formulations, followed SL formulations and lastly the adjuvant if applicable. **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 **PREMIERE** 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. **PREMIERE** is compatible with most pyrethroid insecticides, **Signet 915 EC** (L 9071), **Trooper SL** (L 6806), **Ultramoc xtra EC** (L 8878) and most nonionic surfactants such as Solitaire.

## **APPLICATION METHODS**

### **GROUND APPLICATION**

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. In the case of some pre-emergence applications with hydraulic nozzles and post-emergence application with sleeve boom sprayers the water volume can be lowered to 100 l/ha total spray volume. In these circumstances, the use of registered adjuvants at the correct rates, nozzles configuration and spray coverage become critical. Should these factors not be considered and included correctly, poor weed control may result. Sleeve boom sprayers should not be used for pre-emergence applications. **Constant agitation throughout the spray operation is essential.** Only clean water should be used.

### **AERIAL APPLICATION (Pre-emergence only)**

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 0118 (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 30 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 20 – 30 droplets per sq cm must be recovered at the target.
- A droplet spectrum with a VMD of 350 – 400 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) as this may lead to the following:
  1. Reduced efficacy due to suspension and evaporation of small droplets in the air (leading to inadequate coverage)
  2. Damage to other sensitive crops and/or non-target areas via the movement of the suspended spray cloud away from the target area.
- 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.

### CENTRE PIVOT APPLICATION (pre-emergence application only)

- **PREMIERE** can be applied to the soil following planting via well maintained and fully functional centre pivot irrigation systems. Approximately 4.5 – 7.5 mm of water should be applied when applying the highest rate (260 m l/ha) plus the recommended rate of a preemergence grass control remedy. Control should be achieved for about 56 days, after which the follow-on application should be applied using a tractor sprayer. A registered pyrethroid insecticide may also be added to this mixture at the registered rate for the control of cutworms.
- Only centre pivots with an accurate injector system may be used. Calculate the injection rate carefully and make sure the delivery is correct on an area delivery basis. The equipment should be thorough checked prior to commencing application.
- Apply within 2 days of planting.
- Application should be made to fields which have been well-prepared, with a fine seedbed without any weeds.

Once application has been completed on the entire area to be treated, the pivot must apply the following additional water volumes: 10 mm water per ha on soil of < 20 % clay

15 mm water per ha on soil of 20 – 35 % clay

20 mm water per ha on soil of > 35 % clay

- Soil should remain moist for 7 – 14 days following application.
- Do not apply if wind speed exceeds 6 metres per second.
- Ensure that the irrigation system does not overlap at the end of the cycle or that the injector system is deactivated to avoid double application of **PREMIERE**.
- It is critical that the application is supervised at all times to ensure correct application volumes and injections rates.
- Avoid contamination of boreholes, dams and other water sources with spillages of any kind. The injector pump and water pump must be fitted with valves to stop injection as soon as the pivot stops moving forward. The irrigation water supply must be fitted with a non-return valve to prevent treated water from running back into the supply water.

## RECOMMENDATIONS

- The clay content of the soil has no effect on the dosage rate of **PREMIERE**.
- **PREMIERE** can be applied both pre- and post-emergence of either the weeds or the crops. A pre-emergence application of **PREMIERE** must be done on a well-prepared, weed-free seedbed in order to ensure an even distribution.
- If **PREMIERE** is applied as indicated below, at least 28-56 days of control of the listed weeds may be expected.

**PREMIERE in tank mixture with SIGNET 915 EC for broad spectrum pre-emergence weed control as a single application in maize.**

% CLAY	PREMIERE (mℓ/ha)	SIGNET 915 EC (mℓ/ha)	WEEDS CONTROLLED	
11 – 50	104	218 – 710	<i>Acanthospermum hispidum</i> <i>Chenopodium album</i> <i>Echinochloa colona</i> <i>Nicandra physaloides</i> <i>Physalis angulata</i>	Upright starbur White goosefoot Marsh grass Apple-of-Peru Wild gooseberry
		284 – 710	<i>Tagetes minuta</i>	Khaki weed

OR

% CLAY	PREMIERE (mℓ/ha)	SIGNET 915 EC (mℓ/ha)	WEEDS CONTROLLED	
11 – 50	156	320 – 710	<i>Acanthospermum hispidum</i> <i>Chenopodium album</i> <i>Chenopodium carinatum</i> <i>Echinochloa colona</i> <i>Nicandra physaloides</i> <i>Physalis angulata</i> <i>Setaria pallide-fusca</i> <i>Tagetes minuta</i>	Upright starbur White goosefoot Green goosefoot Marsh grass Apple-of-Peru Wild gooseberry Red bristle grass Khaki weed
		426 – 710	<i>Eleusine indica</i> <i>Panicum schinzii</i>	Goose grass Sweet buffalo grass

OR

% CLAY	PREMIERE (mℓ/ha)	SIGNET 915 EC (mℓ/ha)	WEEDS CONTROLLED	
11 – 50	208	426 – 710	<i>Acanthospermum hispidum</i> <i>Amaranthus hybridus</i> <i>Brachiaria eruciformis</i> <i>Chenopodium album</i> <i>Chenopodium carinatum</i> <i>Datura ferox</i> <i>Echinochloa colona</i> <i>Eleusine indica</i> <i>Eragrostis curvula</i> <i>Hibiscis trionum</i> <i>Nicandra physaloides</i> <i>Panicum schinzii</i> <i>Physalis angulata</i> <i>Polygonum aviculare</i> <i>Setaria pallide-fusca</i> <i>Tagetes minuta</i>	Upright starbur Common pigweed Sweet signal grass White goosefoot Green goosefoot Large thorn apple Marsh grass Goose grass Weeping love grass Bladder weed Apple-of-Peru Sweet buffalo grass Wild gooseberry Prostrate knotweed Red bristle grass Khaki weed

		568 – 710	<i>Cleome monophylla</i> <i>Commelina benghalensis</i> <i>Digitaria sanguinalis</i> <i>Hibiscus cannabinus</i> <i>Triumfetta pilosa</i>	Spindlepod Benghal wandering Jew Crab fingergrass Kenaf
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OR

% CLAY	PREMIERE (mℓ/ha)	SIGNET 915 EC (mℓ/ha)	WEEDS CONTROLLED	
11 – 50	260	710	<i>Acanthospermum hispidum</i> <i>Amaranthus hybridus</i> <i>Brachiaria eruciformis</i> <i>Chenopodium album</i> <i>Chenopodium carinatum</i> <i>Cleome monophylla</i> <i>Commelina benghalensis</i> <i>Datura ferox</i> <i>Digitaria sanguinalis</i> <i>Echinochloa colona</i> <i>Eleusine indica</i> <i>Eragrostis curvula</i> <i>Hibiscus cannabinus</i> <i>Hibiscus trionum</i> <i>Nicandra physaloides</i> <i>Panicum schinzii</i> <i>Physalis angulata</i> <i>Polygonum aviculare</i> <i>Setaria pallide-fusca</i> <i>Tagetes minuta</i> <i>Triumfetta pilosa</i> <b>Suppression or variable control of:</b> <i>Bidens bipinnata</i> <i>Bidens pilosa</i> <i>Citrillus lanatus</i> <i>Cosmos bipinnatus</i> <i>Crotalaria sphaerocarpa</i> <i>Cyperus esculentus</i> <i>Ipomoea purpurea</i> <i>Portulaca oleracea</i> <i>Tribulus terrestris</i>	Upright starbur Common pigweed Sweet signal grass White goosefoot Green goosefoot Spindlepod Benghal wandering Jew Large thorn apple Crab fingergrass Marsh grass Goose grass Weeping love grass Kenaf Bladder weed Apple-of-Peru Sweet buffalo grass Wild gooseberry Prostrate knotweed Red bristle grass Khaki weed  Spanish blackjack Blackjack Bitter apple Cosmos Mealie Crotalaria Yellow nutsedge Common morning glory Purslane Dubbeltjie

**Remarks for above tables:**

- Should other weeds be present which need to be controlled pre-emergence, consideration should be given to inclusion of such products which are registered for the control of the specific weeds.
- Where the full rate of **SIGNET 915 EC** is used in combination with **PREMIERE** all the weeds listed on the label should be controlled provided the relevant conditions have been met.

**PREMIERE in tank mixture with Ultramoc Xtra EC for broad spectrum pre-emergence weed control as a single application in maize.**

% CLAY	PREMIER E (mℓ/ha)	Ultramoc Xtra EC (ℓ/ha)	WEEDS CONTROLLED	
11 – 50	104	0,7 – 1.4	<i>Acanthospermum hispidum</i> <i>Chenopodium album</i> <i>Chenopodium carinatum</i> <i>Echinochloa colona</i> <i>Eleusine indica</i> <i>Nicandra physaloides</i> <i>Panicum schinzii</i> <i>Physalis angulata</i> <i>Setaria pallide-fusca</i>	Upright starbur White goosefoot Green goosefoot Marsh grass Goose grass Apple-of-Peru Sweet buffalo grass Wild gooseberry Red bristle grass
		0.85 – 1.4	<i>Tagetes minuta</i>	Khaki weed

OR

% CLAY	PREMIERE (mℓ/ha)	Ultramoc Xtra EC (ℓ/ha)	WEEDS CONTROLLED	
11 – 50	156	1.0 – 1.4	<i>Acanthospermum hispidum</i> <i>Chenopodium album</i> <i>Chenopodium carinatum</i> <i>Echinochloa colona</i> <i>Nicandra physaloides</i> <i>Physalis angulata</i> <i>Setaria pallide-fusca</i> <i>Tagetes minuta</i>	Upright starbur White goosefoot Green goosefoot Marsh grass Apple-of-Peru Wild gooseberry Red bristle grass Khaki weed
		1.2 – 1.4	<i>Eleusine indica</i> <i>Panicum schinzii</i>	Goose grass Sweet buffalo grass

OR

% CLAY	PREMIERE (mℓ/ha)	Ultramoc Xtra EC (mℓ/ha)	WEEDS CONTROLLED	
11 – 50	208	1.4	<i>Acanthospermum hispidum</i> <i>Amaranthus hybridus</i> <i>Brachiaria eruciformis</i> <i>Chenopodium album</i> <i>Chenopodium carinatum</i> <i>Cleome monophylla</i> <i>Commelina benghalensis</i> <i>Datura ferox</i> <i>Digitaria sanguinalis</i> <i>Echinochloa colona</i> <i>Eleusine indica</i> <i>Eragrostis curvula</i> <i>Hibiscus cannabinus</i> <i>Hibiscus trionum</i> <i>Nicandra physaloides</i> <i>Panicum schinzii</i> <i>Physalis angulata</i> <i>Polygonum aviculare</i> <i>Setaria pallide-fusca</i> <i>Tagetes minuta</i> <i>Triumfetta pilosa</i>	Upright starbur Common pigweed Sweet signal grass White goosefoot Green goosefoot Spindlepod Benghal wandering Jew Large thorn apple Crab fingergrass Marsh grass Goose grass Weeping love grass Kenaf Bladder weed Apple-of-Peru Sweet buffalo grass Wild gooseberry Prostrate knotweed Red bristle grass Khaki weed



			<b>Suppression of:</b> <i>Bidens bipinnata</i> <i>Bidens pilosa</i> <i>Citrillus lanatus</i> <i>Cosmos bipinnatus</i> <i>Crotalaria sphaerocarpa</i> <i>Cyperus esculentus</i> <i>Ipomoea purpurea</i> <i>Portulaca oleracea</i> <i>Tribulus terrestris</i>	Spanish blackjack Blackjack Bitter apple Cosmos Mealie Crotalaria Yellow nutsedge Common morning glory Purslane Dubbeltjie
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**Remarks for above tables:**

- Should other weeds be present which need to be controlled pre-emergence, consideration should be given to inclusion of such products which are registered for the control of the specific weeds.
- Where the full rate of **Ultramoc Xtra EC** is used in combination with **PREMIERE** all the weeds listed on the **Ultramoc Xtra EC** label should be controlled provided the relevant conditions have been met.
- Should other weeds be present which need to be controlled pre-emergence, consideration should be given to inclusion of such products which are registered for the control of the specific weeds.

**PREMIERE applied post-emergence following pre-emergence application of CYCLONE, CYCLONE ELITE, Ultramoc S EC or Prefix S EC (or combinations thereof) according to the label recommendations**

PREMIERE (mℓ/ha)	Trooper SL (mℓ/ha)	TIMING OF APPLICATION
104 – 208	350 – 500	Use the higher rate for extended and improved residual control of grass weeds. Add an adjuvant referred to below at its recommended dosage rate. Approximately 4 weeks weed control will be achieved depending on the dosage selected.

**Remarks**

- The follow-up application in the table above may or may not require the addition of **Trooper SL** at its recommended dosage rate to assist in controlling emerged broadleaf weeds.
- The post-emergence application above should always form part of a weed management program which includes products with various modes of action. Weeds must also be controlled early on in the crop cycle (pre-emergence) using products such as **Prefix S EC** (L 7362), **Ultramoc S EC** (L 7342), atrazine, **Cyclone** (L 8880) and **Cyclone Elite** (L 8881).
- Addition of an approved surfactant such as Solitaire is recommended at its approved rate for all post-emergence applications.
- Consult the **TROOPER SL** label for the list of weeds controlled post emergence.

**ACKNOWLEDGEMENT OF TRADEMARKS**

**Cyclone (L 8880)**  
**Cyclone Elite (L 8881)**  
**Prefix S EC (L 7362)**  
**Solitaire (L 6962)**  
**Trooper SL (L 6806)**  
**Ultramoc S EC (L 7342)**  
**Ultramoc Xtra EC (L 8878)**  
**Signet 915 EC (L 9071)**

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Villa Crop Protection (Pty) Ltd  
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## WAARSKUWINGS

Laat die volgende aantal dae toe tussen laaste toediening en oes of beweiding:

Mielies..... 14 dae

- Mag vel- en oogirritasie veroorsaak.
- Bêre agter slot-en-grendel in 'n koel, droë plek weg van voedsel, voer, kunsmis en ander landbouprodukte.
- Hou buite bereik van kinders, oningeligte persone en diere.
- **Moet nie toedien op suikermielies of springmielies nie.**
- **Herbetreding** - Moet nie behandelde gebied betree alvorens die spuitneerslag droog is nie, tensy beskermende oorklere gedra word.
- **Lugtoediening:** Stel alle inwoners in die onmiddellike omgewing van die gebied wat bespuit gaan word in kennis en reik die nodige waarskuwings uit. Moet nie oor wateroppervlaktes spuit nie en verseker dat die spuitnewel nie aangrensende gebiede besoedel nie.

**Alhoewel hierdie middel omvattend onder 'n groot verskeidenheid toestande getoets is, waarborg die registrasiehouer nie dat dit onder alle toestande doeltreffend sal wees nie. Die werking en effek 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, die omgewing of vir nadelige effek 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 die ontstaan van toestande wat nie kragtens die registrasie voorsien kon word nie. Raadpleeg die verskaffer in die geval van enige onsekerheid.**

## VOORSORGMAATREËLS

- Moet nie dampe of spuitnewel inasem nie.
- Vermy vel- en oogkontak deur beskermende oorklere te dra wanneer die produk gemeng word.
- In die geval van oogkontak, spoel met water vir ten minste 15 minute 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.
- Vermy oorwaai van die spuitnewel na ander gewasse, weiding, riviere, damme en gebiede wat nie onder behandeling is nie.
- Maak toedieningsapparaat deeglik skoon na gebruik. Gooi die spoelwater weg waar dit nie gewasse, weiding, riviere, damme en boorgate sal besoedel nie.
- Moet nie toedieningsapparaat uitspuit, dreineer of afspoel op/naby bome en plante, of waar dit die wortels kan bereik nie.
- Vermy besoedeling van voedsel, voer, drinkwater en eetgerei.
- Keer die leë houer om oor die spuit-of mengtenk en laat dit dreineer vir minstens 30 sekondes nadat die vloeï tot 'n drup verlangsam het. 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 moet dit nie vir enige ander doel gebruik nie.

## GEBRUIKSBEPERKINGS

- Moenie **PREMIERE** op suikermielies, springmielies, ingeteelde ouerlyne, eksperimentele of nuut vrygestelde kultivars/variëteite toedien, sonder om eers u verskaffer of saadfirma vooraf te raadpleeg nie.
- Moet nie **PREMIERE** deur enige besproeiingstelsel anders as 'n volkome funksionele spilpunt toedien nie.
- Moet nie op enige gewas of situasie toedien wat nie op hierdie etiket verskyn nie.
- Moet nie hierdie produk in kombinasie of tenkmengsel met enige ander produk of landboumiddel gebruik wat nie spesifiek op hierdie etiket gelys is nie. Meridian Agrochemical Company (Edms.) Bpk. aanvaar geen verantwoordelikheid vir enige negatiewe gevolge indien die instruksies op die etiket nie nagekom word nie, tensy 'n Meridian verteenwoordiger vooraf geraadpleeg is.
- Moet nie **PREMIERE** deur enige besproeiingsstelsel toedien, tensy dit 'n perfekte werkende spilpuntbesproeiingsstelsel is nie.
- Grondversteuring na voor- of na-opkomsbehandelings van **PREMIERE** kan lei tot die ontkieming van nuwe onkruid, wat swak beheer tot gevolg sal hê.

### Opvolggewasse:

Die volgende wagperiodes moet nagekom word ten opsigte van opvolggewasse:

Koring en gars	1 maand
Graansorghum	2 maande
Aartappels	6 maande
Sojabone, droëbone, grondbone, sonneblom en katoen	9 maande
Alle ander gewasse	24 maande

Alle wisselbougewasse moet slegs na deeglike grondbewerking geplant word. Aangesien die produk deur mikrobiële aktiwiteit gemetaboliseer word, mag periodes van lae mikrobiële aktiwiteit die residuele werking van **PREMIERE** verleng. Indien daar enige onsekerheid is, word 'n toetsaanplanting in alle gevalle aanbeveel.

### Voor-opkoms onkruidbeheer

- Optimale onkruidbeheer word verkry op 'n fyn, gelyk, goed voorbereide saadbed, vry van kluite, plantreste en onkruid.
- Verlengde droë grondtoestande na vooropkoms toediening mag verlaagde beheer van ontkiemde onkruid tot gevolg hê.
- **Moet nie op gewasse en onkruid onder strestoestande weens abnormale weer- of groeitoestande, droogte, versuiptoestande, insekshade, aalwurminfeksies, siektes, voedingstekorte of gewasse onder stremming as gevolg van die vroeë gebruik van ander middels, toedien nie.**
- Vermy die gebruik van organofosfaatinsekdoders in kombinasie met **PREMIERE**, want gewasskade mag voorkom.
- Moenie **PREMIERE** met asetaniliedgrasdoders op swak gedreineerde gronde of gronde met 'n verdigingslaag aanwend nie, want onder hierdie omstandighede kan versuiptoestande voorkom en die onkruiddoder mag gewasskade veroorsaak.
- Moet nie toedien waar vloedbesproeiing gebruik word.
- 10 - 20 mm reën of besproeiing word na toediening benodig om die middel tot in die ontkiemingsone van die onkruid te loog. Verminderde onkruidbeheer kan voorkom indien dit nie bereik word nie.
- Verseker dat voldoende kunsmis korrek naby die saad geplaas word om kragtige saailinggroei te bevorder.

### Na-opkoms onkruidbeheer

- Verseker dat die toediening op die ware blare van die onkruid geskied. Saadlobbe is nie ware blare nie.
- Moet nie spuit as die onkruid nat, dormant, met 'n stoflaag bedek is of deur ryp beskadig is nie.
- Die opname, translokasie en werking van sistemiese onkruiddoders soos **PREMIERE** kan verlaag word wanneer onkruid onder stremmingtoestande verkeer; dit is noodsaaklik dat hulle aktief groei. Moet nie op gewasse en onkruid toedien wat onder strestoestande

weens abnormale weers- en groeitoestande, droogte, versuip-toestande, insekskade, aalwurminfeksies, siektes, voedingstekorte of gewasse onder stremming as gevolg van die vroeëre gebruik van ander landbouchemiese middels verkeer nie. Ontsnapping van onkruid mag voorkom wanneer toediening gemaak word onder lang stremmingstoestande. Optimale onkruidbeheer sal verkry word indien toediening uitgestel word totdat die stremmingstoestande verby is en die onkruid en gewas weer aktief groei, op voorwaarde dat die onkruid in die korrekte groeistadium is.

- Moenie **PREMIERE** op gewasse toedien wat reeds simptome van grondgedraagde siektes toon nie, want die kombinasie van die siekte en die **PREMIERE** toediening kan tot standverlies lei.
- Tydelike gewasbeskadiging mag voorkom onder uitermatige weerstoestande soos onvoldoende of oormatige grondvog of temperatuur uiterstes. Langdurige bewolkte toestande kan ook lei tot tydelike gewasverbleiking.
- Moet nie **PREMIERE** binne 28 dae na toediening van 'n organofosfaat- of karbamaatinsekdoder toedien nie. Net so moet 'n organofosfaat- of karbamaatinsekdoders nie binne 28 dae na toediening van die **PREMIERE** toegedien word nie. Moet onder geen omstandighede die bogenoemde produkte as 'n tenkmengsel toedien nie.
  - Voorkom spuitstofwegdrywing na aangrensende gewasse.
  - Moet nie **PREMIERE** op enige gewas of situasie toedien wat nie op hierdie etiket verskyn nie.
  - Dien **PREMIERE** slegs met akkurate en veilige toedieningsmetodes toe. Moet nie deur besproeiingsisteme toedien nie.
  - Indien **PREMIERE** gebruik word in 'n tenkmengsel met ander middels, moet oorweging geskenk word aan die beperkings van daardie betrokke produkte.

## **GEBRUIKSAANWYSINGS**

**Gebruik slegs soos aangedui.**

## **MENGINSTRUKSIES**

Maak die tenk halfvol met skoon water, en voeg dan die benodigde hoeveelheid **PREMIERE** by terwyl die water in die tenk geroer word. Vul die tenk verder met water totdat die verlangde volume verkry is. Indien tenkmengsels met ander onkruidodders gemaak word, moet die betrokke vervaardiger se etiketaanbevelings gevolg word. Indien tenkmengsels gemaak word moet die **PREMIERE** eerstens bygevoeg word, gevolg deur ander SC formulering, gevolg deur EC formulering, gevolg deur SL formulering en laastens gevolg deur die bevorderingsmiddel, indien nodig. **Tenkmengsels moet onmiddellik uitgespuit word en nie toegelaat word om in die spuitenk te staan nie.** Spuittoerusting moet deeglik aan die einde van toediening uitgespoel word.

## **VERENIGBAARHEID**

Die verenigbaarheid van **PREMIERE** met ander produkte hang van die formulering van die betrokke produkte af, asook van die kwaliteit van die spuitwater. Deurdat formulering van tyd tot tyd verander word dit aanbeveel om 'n fisiese verenigbaarheidstoets uit te voer voordat die tenkmengsel gemaak word. **PREMIERE** is verenigbaar met die meeste piretroïedinsekdoders, **Signet 915 EC** (L 9071), **Trooper SL** (L 6806), **Ultramoc xtra EC** (L 8878) en die meeste nie-ioniese benatters soos Solitaire.

## **TOEDIENINGSMETODES**

### **GRONDTOEDIENING**

Verseker dat die spuittoerusting korrek gekalibreer is en gereeld gedurende toediening nagegaan word om egalige en akkurate toediening te verseker. Rugsakspuite of spuitbalke kan gebruik word. 'n Spuitvolume van 200-300 l/ha moet gebruik word vir grondtoediening en dit kan toegedien word met platwaaierspuitpunte, verkieslik die lae-dryf tipe om fyn druppels te voorkom. In die geval van sekere vooropkomsbespuitings met hidroliese spuitpunte en naopkomsbespuitings met kousbalkspuite mag die spuitvolume verlaag word na 100 l/ha. In hierdie omstandighede is die gebruik van geregistreerde benatters teen die korrekte dosisse, spuitpuntspasiëring en spuitstofdekking van kritieke belang. Deur hierdie faktore nie te oorweeg en korrek te implementeer nie, sal verswakte onkruidbeheer verkry word. Kousbalkspuite moet nie vir voor-opkomstoedienings

gebruik word nie. **Konstante roering deur die hele spuitoperasie is noodsaaklik.** Gebruik slegs skoon water.

### **Lugtoediening (slegs Voor-opkoms)**

Lugtoediening mag slegs deur 'n geregistreerde lugbespuitingsoperateur met 'n korrek gekalibreerde, geregistreerde vliegtuig volgens die instruksies van SANS 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 dat die volgende kriteria nagekom word;

#### **Toerusting**

- Gebruik geskikte atomiseringsapparaat (hidroliese of roterende spuitkoppe) wat die vereiste druppelgrootte en bedekking van die teiken 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 30 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 gehou word vir enige nadelige effekte indien hierdie produk teen 'n laer volume, as hierbo aanbeveel, uit die lug toegedien word nie.
- 'n Druppelbedekking van 20 - 30 druppels per vk cm moet op die teikenarea herwin word.
- 'n Druppelspektrum met 'n VMD van 350 – 400 mikron word aanbeveel. Verseker dat die produksie van fyn druppels, die wat kleiner as 150 mikrons 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 aan die bopunt van 'n draai is, of tydens 'n duik of terwyl dit uitklim of draai nie.

#### **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 en onstabiele weerstoestande of gedeurende die hitte van die dag toedien wanneer stygende en dalende luginbewegings plaasvind nie.
- Moenie onder temperatuurinversie-toestande (deur bokant of binne-in die inversielaag te spuit) toedien nie, want dit kan tot die volgende lei:
  1. Verlaagde effektiwiteit as gevolg van die suspensie en verdamping van klein druppels in die lug (wat lei tot onvoldoende bedekking op teikenarea)
  2. Skade aan ander sensitiewe gewasse en/of nie-teikenareas as gevolg van die beweging van die spuitwolk weg van die teikenarea af.
- Moenie spuit indien die windspoed 15 km per uur oorskry nie.

#### **Algemeen:**

- Sorg dat die lande akkuraat gemerk is en die spuitoperateur weet watter lande gespuit moet word.
- Verkry 'n versekering van die spuitoperateur dat aan die bogenoemde vereistes voldoen sal word.

### **SPILPUNTTTOEDIENING (Voor-opkoms toediening)**

**PREMIERE** kan met behulp van 'n spilpunt toegedien word mits dit goed bestuur en onderhou word. Die spilpunt moet tussen 4,5 - 7,5 mm water toedien tydens die toediening van die hoogste dosis (260 ml/ha) plus die aanbevole dosis van 'n voor-opkoms grassonkruidodder. Effektiewe beheer van 56 dae behoort verkry te word waarna die opvolgbespuitings met behulp van 'n gewone trekkerbespuiting gedoen word. 'n Geregistreerde piretroïedinsekdoder kan ook by hierdie mengsel bygevoeg word teen die geregistreerde dosis vir die beheer van snywurms.

- Slegs spilpunte met akkurate toedieners kan gebruik word. Bereken die toedieningstempo versigtig en verseker dat die lewering korrek op die afleweringgebied is. Die toerusting moet deeglike nagegaan voor die aanvang van toediening.
- Dien toe binne 2 dae na plant.
- Toedienings mag slegs geskied op lande wat goed voorberei is; 'n goeie fyn saadbed het en waar geen ontkiemde of gevestigde onkruid voorkom nie.
- Sodra die bespuiting op die hele area afgehandel is, moet die spilpunt die volgende addisionele watervolumes toedien: 10 mm water per ha op grond van <20% klei

15 mm water per ha op grond van 20 - 35% klei

20 mm water per ha op grond van > 35% klei

- Hou die grond klam vir 'n periode van 7 - 14 dae na toediening.
- Moet nie toedien as die windspoed meer as 6 meter per sekonde oorskry nie.
- Verseker dat die besproeiingstelsel nie aan die einde van die toedieningsperiode oorvleuel nie, of dat die toedieningstelsel gedeaktiveer is om oordosering van **PREMIERE** te voorkom.
- Dit is krities belangrik dat die toediening altyd onder toesig is om korrekte toedieningsvolumes en -dossise te verseker.
- Vermy besoedeling van boorgate, damme en ander waterbronne met stortings van enige aard. Die toedieningspomp en waterpomp moet met kleppe toegerus wees om af te sluit sodra die spilpunt ophou vorentoe beweeg. Die besproeiingswatertoevoer moet met 'n terugvloei-klep toegerus wees om te verhoed dat behandelde water na die toevoerwater terugloop.

#### AANBEVELINGS

- Die klei-inhoud van die grond het geen uitwerking op die dosis van **PREMIERE** nie.
- **PREMIERE** kan voor- en na-opkoms van beide die onkruid of die gewas toegedien word.
- 'n Vooropkomstoediening van **PREMIERE** moet op 'n goed voorbereide, onkruidvrye saadbed toegedien word om eweredige verspreiding te verseker.
- Indien **PREMIERE** toegedien word soos hieronder aangedui, kan beheer van ten minste 28-56 dae vir die onkruid soos gelys verkry word.

**Voor-opkomstoediening van PREMIERE in tenkingsel met Signet 915 EC vir breë spektrumbeheer as 'n enkele toediening in mielies.**

% KLEI	PREMIERE (mℓ/ha)	SIGNET 915 EC (mℓ/ha)	ONKRUIDE WAT BEHEER SAL WORD	
11 – 50	104	218 – 710	<i>Acanthospermum hispidum</i> <i>Chenopodium album</i> <i>Echinochloa colona</i> <i>Nicandra physaloides</i> <i>Physalis angulata</i>	Regopsterklits Withondebossie Moerasgras Basterappelliefie Wilde appelliefie
			284 – 710	<i>Tagetes minuta</i>

OF

% KLEI	PREMIERE (mℓ/ha)	SIGNET 915 EC (mℓ/ha)	ONKRUIDE WAT BEHEER SAL WORD	
11 – 50	156	320 – 710	<i>Acanthospermum hispidum</i> <i>Chenopodium album</i> <i>Chenopodium carinatum</i> <i>Echinochloa colona</i> <i>Nicandra physaloides</i> <i>Physalis angulata</i> <i>Setaria pallide-fusca</i> <i>Tagetes minuta</i>	Regopsterklits Withondebossie Groenhondebossie Moerasgras Basterappelliefie Wilde appelliefie Rooiborselgras Kakiebos
			426 – 710	<i>Eleusine indica</i> <i>Panicum schinzii</i>

OF

% KLEI	PREMIERE (mℓ/ha)	SIGNET 915 EC (mℓ/ha)	ONKRUIDE WAT BEHEER SAL WORD	
11 – 50	208	426 – 710	<i>Acanthospermum hispidum</i> <i>Amaranthus hybridus</i> <i>Brachiaria eruciformis</i> <i>Chenopodium album</i> <i>Chenopodium carinatum</i> <i>Datura ferox</i> <i>Echinochloa colona</i> <i>Eleusine indica</i> <i>Eragrostis curvula</i> <i>Hibiscis trionum</i> <i>Nicandra physaloides</i> <i>Panicum schinzii</i> <i>Physalis angulata</i> <i>Polygonum aviculare</i> <i>Setaria pallide-fusca</i> <i>Tagetes minuta</i>	Regopsterklits Gewone misbredie Litjiessinjaalgras Withondebossie Groenhondebossie Groot stinkblaar Moerasgras Jongosgras Oulandsgras Terblansbossie Basterappelliefie Soetbuffelsgras Wilde appelliefie Voëlduisendknoop Rooiborselgras Kakiebos
		568 – 710	<i>Cleome monophylla</i> <i>Commelina benghalensis</i> <i>Digitaria sanguinalis</i> <i>Hibiscus cannabinus</i> <i>Triumfetta pilosa</i>	Rusperbossie Bengaalse wanderlende Jood Kruisvingergras Wildestokroos Klitsbossie

OF

% KLEI	PREMIERE (mℓ/ha)	SIGNET 915 EC (mℓ/ha)	ONKRUIDE WAT BEHEER SAL WORD	
11 – 50	260	710	<i>Acanthospermum hispidum</i> <i>Amaranthus hybridus</i> <i>Brachiaria eruciformis</i> <i>Chenopodium album</i> <i>Chenopodium carinatum</i> <i>Cleome monophylla</i> <i>Commelina benghalensis</i> <i>Datura ferox</i> <i>Digitaria sanguinalis</i> <i>Echinochloa colona</i> <i>Eleusine indica</i> <i>Eragrostis curvula</i> <i>Hibiscus cannabinus</i> <i>Hibiscis trionum</i> <i>Nicandra physaloides</i> <i>Panicum schinzii</i> <i>Physalis angulata</i> <i>Polygonum aviculare</i> <i>Setaria pallide-fusca</i> <i>Tagetes minuta</i> <i>Triumfetta pilosa</i> <b>Onderdrukking of  wisselvallige beheer van:</b> <i>Bidens bipinnata</i> <i>Bidens pilosa</i> <i>Citrillus lanatus</i> <i>Cosmos bipinnatus</i> <i>Crotalaria sphaerocarpa</i> <i>Cyperus esculentus</i> <i>Ipomoea purpurea</i> <i>Portulaca oleracea</i> <i>Tribulus terrestris</i>	Regopsterklits Gewone misbredie Litjiessinjaalgras Withondebossie Groenhondebossie Rusperbossie Bengaalse wandelende Jood Grootstinkblaar Kruisvingergras Moerasgras Jongosgras Oulandsgras Wildestokroos Terblansbossie Basterappelliefie Soetbuffelsgras Wilde appelliefie Voëlduisendknoop Rooiborselgras Kakiebos Klitsbossie  Spaanse knapsekêrel Knapsekêrel Karkoer Kosmos Mielie Crotalaria Geeluintjie Purperwinde Porslein Dubbeltjie

**Opmerkings vir die bogenoemde tabelle:**

- Indien ander onkruid teenwoordig sou wees wat voor-opkomsbeheer moet word, moet oorweging geskenk word aan die insluiting van sodanige produkte wat vir die beheer van die spesifieke onkruid geregistreer is.
- Waar die volle dosis **SIGNET 915 EC** in kombinasie met **PREMIERE** gebruik word, behoort die onkruid wat op die **SIGNET 915 EC** etiket verskyn, beheer te word met dien verstande dat die betrokke voorwaardes nagekom is.

**PREMIERE in tenkingsel met Ultramoc Xtra EC vir 'n breëspektrum vooropkomsbeheer as 'n enkele toediening in mielies.**

% KLEI	PREMIER E (mℓ/ha)	Ultramoc Xtra EC (ℓ/ha)	ONKRUIDE WAT BEHEER SAL WORD	
11 – 50	104	0.7 – 1.4	<i>Acanthospermum hispidum</i> <i>Chenopodium album</i> <i>Chenopodium carinatum</i> <i>Echinochloa colona</i> <i>Eleusine indica</i> <i>Nicandra physaloides</i> <i>Panicum schinzii</i> <i>Physalis angulata</i> <i>Setaria pallide-fusca</i>	Regopsterklits Withondebossie Groenhondebossie Moerasgras Jongosgras Basterappelliefie Soetbuffelsgras Wilde appelliefie Rooiborselgras
		0.85 – 1.4	<i>Tagetes minuta</i>	Kakiebos

OF

% KLEI	PREMIERE (mℓ/ha)	Ultramoc Xtra EC (ℓ/ha)	ONKRUIDE WAT BEHEER SAL WORD	
11 – 50	156	1.0 – 1.4	<i>Acanthospermum hispidum</i> <i>Chenopodium album</i> <i>Chenopodium carinatum</i> <i>Echinochloa colona</i> <i>Nicandra physaloides</i> <i>Physalis angulata</i> <i>Setaria pallide-fusca</i> <i>Tagetes minuta</i>	Regopsterklits Withondebossie Groenhondebossie Moerasgras Basterappelliefie Wilde appelliefie Rooiborselgras Kakiebos
		1.2 – 1.4	<i>Eleusine indica</i> <i>Panicum schinzii</i>	Jongosgras Soetbuffelsgras

OF



% KLEI	PREMIERE (mℓ/ha)	Ultramoc Xtra EC (mℓ/ha)	ONKRUIDE WAT BEHEER SAL WORD	
11 – 50	208	1,4	<i>Acanthospermum hispidum</i> <i>Amaranthus hybridus</i> <i>Brachiaria eruciformis</i> <i>Chenopodium album</i> <i>Chenopodium carinatum</i> <i>Cleome monophylla</i> <i>Commelina benghalensis</i> <i>Datura ferox</i> <i>Digitaria sanguinalis</i> <i>Echinochloa colona</i> <i>Eleusine indica</i> <i>Eragrostis curvula</i> <i>Hibiscus cannabinus</i> <i>Hibiscus trionum</i> <i>Nicandra physaloides</i> <i>Panicum schinzii</i> <i>Physalis angulata</i> <i>Polygonum aviculare</i> <i>Setaria pallide-fusca</i> <i>Tagetes minuta</i> <i>Triumfetta pilosa</i>	Regopsterkliits Gewone misbredie Litjiessinjaalgras Withondebossie Groenhondebossie Rusperbossie Bengaalse wandelende Jood Groot stinkblaar Kruisvingergras Moerasgras Jongosgras Oulandsgras Wildestokroos Terblansbossie Basterappelliefie Soetbuffelsgras Wilde appelliefie Voëlduisendknoop Rooiborselgras Kakiebos Klitsbossie
			<b>Onderdrukking van:</b> <i>Bidens bipinnata</i> <i>Bidens pilosa</i> <i>Citrillus lanatus</i> <i>Cosmos bipinnatus</i> <i>Crotalaria sphaerocarpa</i> <i>Cyperus esculentus</i> <i>Ipomoea purpurea</i> <i>Portulaca oleracea</i> <i>Tribulus terrestris</i>	Spaanse knapsekêrel Knapsekêrel Karkoer Kosmos Mielie Crotalaria Geeluintjie Purperwinde Porslein Dubbeltjie

**Opmerkings vir bogenoemde tabelle:**

- Indien ander onkruid teenwoordig sou wees wat voor-opkoms beheer moet word, moet oorweging geskenk word aan die insluiting van sodanige produkte wat vir die beheer van die spesifieke onkruid geregistreer is.
- Waar die volle dosis **ULTRAMOC XTRA EC** in kombinasie met **PREMIERE** gebruik word, behoort die onkruid wat op die **ULTRAMOC XTRA EC** etiket verskyn, beheer te word met dien verstande dat die betrokke voorwaardes nagekom is.

**PREMIERE na-opkoms toegedien nadat voor-opkomstoeienings van CYCLONE, CYCLONE ELITE, Ultramoc S EC of Prefix S EC (of kombinasies daarvan) volgens die etiketaanbevelings gedoen is.**

PREMIERE (mℓ/ha)	Trooper SL (mℓ/ha)	TOEDIENINGSTYD
104 – 208	350 – 500	Gebruik die hoër dosis vir verlengde en verbeterde residuele beheer van grasse. Voeg 'n byvoegmiddel soos hieronder verwys teen die aanbevole dosis by. Ongeveer 4 weke se onkruidbeheer sal verkry word, afhangende van die dosis wat gekies word.

**Opmerkings**

- Die opvolgbespuiting in die tabel hierbo mag of mag nie die byvoeging van **Trooper SL** teen die aanbevole dosis noodsaak om breëblaaronkruid te help beheer nie.

- Die na-opkomstoediening hierbo moet altyd deel van 'n onkruidbestuursprogram wees wat produkte met verskillende metodes van werking insluit. Onkruid moet ook vroeg in die gewassiklus (na-opkoms) beheer word met behulp van produkte soos Prefix **S EC** (L 7362), **Ultramoc S EC** (L 7342), atrasien, **Cyclone** (L 8880) en **Cyclone Elite** (L 8881).
- Die byvoeging van 'n goedgekeurde benatter soos Solitaire word teen die goedgekeurde dosis vir alle na-opkomstoedienings aanbeveel.
- Raadpleeg die **Trooper SL** etiket vir die lys van onkruid wat na-opkoms beheer sal word.

#### **ERKENNING VAN HANDELSMERKE**

<b>Cyclone (L 8880)</b>	Meridian Agrochemical Company (Edms.) Bpk.
<b>Cyclone Elite (L 8881)</b>	Meridian Agrochemical Company (Edms.) Bpk.
<b>Prefix S EC (L 7362)</b>	Meridian Agrochemical Company (Edms.) Bpk.
<b>Solitaire (L 6962)</b>	Villa Crop Protection (Edms.) Bpk.
<b>Trooper SL (L 6806)</b>	Meridian Agrochemical Company (Edms.) Bpk.
<b>Ultramoc S EC (L 7342)</b>	Meridian Agrochemical Company (Edms.) Bpk.
<b>Ultramoc Xtra EC (L 8878)</b>	Meridian Agrochemical Company (Edms.) Bpk.
<b>Signet 915 EC (L 9071)</b>	Meridian Agrochemical Company (Edms.) Bpk.