

BASF

We create chemistry

ml
800

Campus®



700

Reg. No. L8521

Act No. 36 of 1947

**READ ATTACHED PACKAGE OR LEAFLET BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

600

GROUP	27	HERBICIDE
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A suspension concentrate herbicide for control of early post-emergent annual grasses and broadleaf weeds (as specified) in maize.

'n Suspensiekonsentraat onkruidodder vir die beheer van vroeë na-opkoms eenjarige grasse en eenjarige breëblaaronkruid (soos aangetoon) in mielies.

Hazard statements:

May damage the unborn child.
Very toxic to aquatic life with long lasting effects.

Precautionary statements:

Wear protective gloves/clothing/eye protection.
IF exposed or concerned: Get medical attention.

Active ingredients / Aktiewe bestanddele:

Topramezone (pyrazolone).....336 g/l

400

Registered by:
BASF South Africa (Pty) Ltd
Co. Reg. No. 66/10235/07
852 Sixteenth Road
P.O. Box 2801
Halfway House 1685
+27 11 203 2400

Geregistreer deur:
BASF Suid-Afrika (Edms) Bpk
Mpy Reg. Nr 66/10235/07
852 Sestiende Laan
Posbus 2801
Halfweghuis 1685
+27 11 203 2400



300

Batch No. & Date manufactured: Refer to details printed on container
Lotnommer & Datum vervaardig: Verwys na besonderhede gedruk op houer

EMERGENCY NUMBER / NOODNOMMER: +27 82 446 8946



4 014348 974295

81169260 ZA 2063



200
ml

1 l

® = Registered trademark of BASF / Geregistreeerde handelsmerk van BASF

ENGLISH

WARNINGS

Hazard Statements

- May damage the unborn child.
- Very toxic to aquatic life with long lasting effects.

ALLOW THE FOLLOWING MINIMUM NUMBER OF DAYS BETWEEN LAST APPLICATION AND HARVEST OR GRAZING:

Maize	14
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- Handle with care.
- Harmful when swallowed.
- Store under lock and key out of reach of children, uninformed persons and animals.
- Toxic to aquatic organisms.
- Store away from food and feedstuffs and in a cool place.

Although this remedy has been tested under a large variety of conditions the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label, and the occurrence of resistance of the weeds against the remedy concerned as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to 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

Precautionary Statements

- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Read carefully and follow all instructions.
- Wear protective gloves/clothing/eye protection.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- IF exposed or concerned: Get medical attention.
- Collect spillage.
- Store locked up.
- Dispose of contents and container to hazardous or special waste collection point.

- Do not inhale spray mist.
- Wear suitable protective clothing and face shield when handling the concentrate.
- Wash contaminated clothing daily.
- Wash with soap and water after accidental skin contact.
- Prevent contamination of food, feed, drinking water and eating utensils.

- Do not smoke, eat or drink during mixing and spraying operations before washing hands and face thoroughly.
- Avoid spray drift onto other crops, grazing, rivers, dams and areas not under treatment.
- TRIPLE RINSE empty containers in the following manner: Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsings to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy empty container by perforation and flattening and dispose of it in a safe way and never re-use for any other purpose.

FIRST AID TREATMENT

First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.

ON CONTACT WITH EYES:	Wash affected eyes for at least 15 minutes under running water with eyelids held open.
ON INGESTION:	Immediately rinse mouth and then drink 200 – 300 ml water, seek medical attention.
ON SKIN CONTACT:	Immediately wash thoroughly with soap and water, seek medical attention.
IF INHALED:	Keep patient calm, remove to fresh air, seek medical attention.

TREATMENT: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

RELEVANT SUBSTANCES

Hazardous ingredients According to UN GHS criteria	CAS number	Concentration (W/W)
topramezone (ISO); Methanone, [3-(4,5-dihydro-3-isoxazolyl)-2-methyl-4-(methylsulfonyl)phenyl](5-hydroxy-1-methyl-1H-pyrazol-4-yl)-	210631-68-8	29,7 %
Benzenesulfonic acid, hydroxy-, polymer with formaldehyde, phenol and urea, sodium salt	102980-04-1	< 3 %
Propane-1,2-diol	57-55-6	< 10 %

RESISTANCE WARNING

For resistance management, **Campus**[®] is a HRAC HERBICIDE GROUP CODE 27 herbicide. Any weed population may contain individuals naturally resistant to **Campus**[®] and other Group Code 27 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly and exclusively in programmes. These resistant weeds may not be controlled by **Campus**[®] or any other Group Code 27 herbicides.

To delay herbicide resistance:

- Avoid exclusive repeated use of herbicides from the same Herbicide Group Code. Alternate or tank-mix with products from different Herbicide Group Codes.
- For tank mixing or alternation with products in other Herbicide Group Codes, refer to applicable individual product labels.
- Integrate other control methods (chemical and cultural) into weed control programmes.

FOR SPECIFIC INFORMATION ON RESISTANCE MANAGEMENT, CONTACT THE REGISTRATION HOLDER, BASF SA (Pty) Ltd.

WAITING PERIOD FOR FOLLOW-UP CROPS

- To avoid possible damage to follow-up crops, the waiting periods as indicated below should be adhered to after the last application of **Campus**[®] and the planting of the follow-up crop.
- However, the waiting periods mentioned here will only be valid, if the standard recommended **Campus**[®] rate was applied.
- Refer to atrazine / terbutylazine labels for restrictions on those labels.
- A test planting is, however, recommended.

CROP	WAITING PERIOD IN MONTHS
Wheat and barley	1
Grain sorghum	2
Potatoes	6
Soya beans, dry beans, groundnuts, sunflowers and cotton	6
All other crops	10

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

Compatibility:

Campus[®] is compatible with known atrazine 500 g/l and atrazine / terbutylazine (300/300 g/l) containing formulations, **Dash**[®] HC (L7469), **Roundup**[®] Powermax (L7769), **Basagran**[®] (L2916), halosulfuron and **Fastac**[®] EC and SC (L4991 and L4992). Do not apply products containing cyanazine with **Campus**[®]. Do not apply with clay-based triazines or add surfactants when applying **Campus**[®] with **Roundup**[®] Powermax.

Campus[®] can be used sequentially or in combination with soil or foliar applied insecticides registered for use in maize

Mixing instructions:

Three-quarter fill the spray tank with clean water. Add **Dash**[®] HC at a rate of 1000 ml/ha (see recommendations below). Use a flowable (50%) high quality ammonium sulphate to ameliorate poor quality water if necessary. Shake the **Campus**[®] container well. Measure the required volume of **Campus**[®] and pre-mix this with at least 10 l of water before adding to the spray tank. Similarly pre-mix other products i.e. atrazine or atrazine combinations as stated above, **Basagran**[®], halosulfuron and **Fastac**[®] EC or SC and add these diluted mixtures to the spray tank. Fill the spray tank with water to the required level while maintaining agitation to ensure thorough mixing of the

spray mixture before spraying commences. Maintain agitation while spraying. The prepared spray mixture must not be left in the spray tank for any length of time, e.g. overnight.

It is recommended that **Frontier**[®] Optima (L7011) be applied as a post-plant, pre-emergent application before **Campus**[®] is used (refer to **Frontier**[®] Optima label). **Campus**[®] should be used in a programme with **Frontier**[®] Optima, for optimum results.

Use restrictions:

Do not apply **Campus**[®] in the following situations:

- On soils with a compaction layer, on lands where water logging often occurs, or soils with a nutrient deficiency.
- On inbred parent plants of maize hybrids, or experimental, or newly released cultivars, without first consulting the advice of the distributor or manufacturer.

Ground application:

- **Campus**[®] can be applied as an overall application, in 200 – 300 l of water/hectare, or as a band application, using the corresponding amount of water per hectare.
- Any medium or high volume tractor-mounted sprayer can be used as long as it is fitted with an effective tank agitation system. Ensure that the sprayer can be properly calibrated and that the spray-boom is fitted with suitable spray nozzles (hollow-cone) to facilitate an even distribution of the herbicide on the weeds.
- **Campus**[®] should be applied during favourable growing conditions for optimum crop tolerance and weed control. Apply **Campus**[®] as a post-emergent treatment to maize when weeds are actively growing.
- Avoid disturbing (e.g. cultivation) treated areas for at least seven days following an application of **Campus**[®] to allow best herbicide uptake, translocation, and weed control.
- Weeds must be thoroughly covered with spray. Dense leaf canopies shelter small weeds and can prevent adequate spray coverage.

All spray applications must be made with suitable equipment that is in good working order and correctly calibrated to give the desired coverage for that particular method of application.

CROP	WEEDS	DOSAGE	DIRECTIONS FOR APPLICATION
MAIZE	Annual grass- and broadleaf weeds (as listed in TABLES 1 & 2 below)	Refer to Frontier® Optima label for dosage recommendations 110 ml/ha + 1,5 – 2,0 l/ha atrazine 500 or 1,25 – 1,65 l/ha atrazine / terbutylazine + 1 l Dash® HC	Frontier Optima® should be applied before Campus® (refer to Frontier® Optima label) Apply Campus® as an Early Post-Emergent application at the 3 – 4 leaf stage of the weeds. Mix Dash® HC into the spray mixture before any other products are added (refer to Mixing instructions above) Use Basagran® or halosulfuron in a tank mixture with Campus® , where a moderate population of yellow nutsedge (<i>Cyperus esculentus</i>) occurs. Under heavier infestations of yellow nutsedge apply EPTC as a Pre-plant incorporated application (refer to relevant label/s, for details of recommendations and additional weeds controlled).

WEEDS CONTROLLED

The following weed species are normally controlled by a pre-emergent application of **Frontier® Optima**, followed by a post-emergent application of **Campus®** plus recommended atrazine combinations in a tank mixture (refer to **DIRECTIONS FOR APPLICATION** in the table above).

TABLE 1

GRASS WEEDS			
<i>Brachiaria eruciformis</i>	Sweet signal grass	<i>Eleusine corocana</i>	Goose Grass
<i>Chloris gayana</i>	Rhodes grass	<i>Eragrostis curvula</i>	Weepinglovegrass
<i>Chloris virgata</i>	Feathertop Chloris	<i>Eragrostis tef</i>	Tef grass
<i>Dactyloctenium aegyptium</i>	Crowfoot	<i>Lolium multiflorum</i>	Italian Ryegrass
<i>Digitaria eriantha</i>	Common finger grass	<i>Panicum maximum</i>	Common Buffalo Grass
<i>Digitaria sanguinalis</i>	Crab Finger Grass	<i>Panicum schinzii</i>	Sweet Buffalo Grass
<i>Echinochloa colona</i>	Marsh grass	<i>Tragus berteronianus</i>	Small Carrotseed grass
<i>Echinochloa crusgalli</i>	Barnyard Grass	<i>Urochloa panicoides</i>	Herringbone Grass

TABLE 2

BROADLEAF WEEDS			
<i>Acanthospermum hispidum</i>	Upright starbur	<i>Emex australis</i>	Spiny Emex
<i>Amaranthus deflexus</i>	Perennial pigweed	<i>Euphorbia helioscopia</i>	Umbrella milkweed
<i>Amaranthus hybridus</i>	Common pigweed	<i>Flaveria bidentis</i>	Smelter's bush
<i>Amaranthus spinosus</i>	Thorny pigweed	<i>Gisekia pharmacoides</i>	Gisekia
<i>Amaranthus thunbergii</i>	Red pigweed	<i>Helianthus annua</i>	Sunflower (Volunteer)
<i>Bidens pilosa</i>	Blackjack	<i>Hibiscus trionum</i>	Bladderweed
<i>Chenopodium album</i>	White goosefoot	<i>Nicandra physaloides</i>	Apple of Peru
<i>Chenopodium carinatum</i>	Green goosefoot	<i>Physalis angulata</i>	Wild gooseberry
<i>Cleome gyandra</i>	Spider wisp	<i>Portulaca oleracea</i>	Purslane
<i>Cleome monophylla</i>	Spindlepod	<i>Richardia brasiliensis</i>	Tropical Richardia
<i>Crotalaria sphaerocarpa</i>	Mealie Crotalaria	<i>Schkuhria pinnata</i>	Dwarf Marigold
<i>Datura ferox*</i>	Large thorn apple	<i>Tagetes minuta</i>	Tall Khakiweed
<i>Datura stramonium*</i>	Common thorn apple	<i>Tribulus terrestris</i>	Devil's Thorn
		<i>Xanthium strumarium*</i>	Cocklebur

* Plants of these species can originate from seed germinating deep in the soil and may emerge some time after the majority of other weeds have emerged and therefore may not be adequately controlled.

Campus®, Dash® HC, Basagran®, Frontier® Optima, Fastac® EC and Fastac® SC are Registered Trademarks of BASF.

Roundup® is a registered trademark of Monsanto Technology LLC.

AFRIKAANS

WAARSKUWINGS

Gevaarstellings

- Mag skadelik wees vir die ongebore kind
- Baie giftig vir akwatiese organismes met langdurige effek

LAAT DIE VOLGENDE MINIMUM AANTAL DAE TOE TUSSEN DIE LAASTE TOEDIENING EN OES OF BEWEIDING:

Mielies	14
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- Hanteer versigtig.
- Skadelik indien ingesluk.
- Bêre agter slot en grendel buite bereik van kinders, ongeligte persone en diere.
- Giftig vir waterorganismes.
- Bêre weg van kos en voer in 'n koel plek.

Alhoewel hierdie middel onder 'n groot verskeidenheid toestande getoets is, waarborg die registrasiehouer nie dat dit onder alle toestande doeltreffend sal wees nie, aangesien die werking en effek daarvan, deur faktore soos abnormale grond-, klimaats- en bergingstoestande, kwaliteit van verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie, en die voorkoms van weerstand by onkruid teen die betrokke middel beïnvloed kan word, die metode, tyd en akkuraatheid van toediening kan ook die werking en doeltreffendheid van die middel beïnvloed. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei en die omgewing nie, of vir nadelige effek op mens of dier nie, of vir onvoldoende prestasie van die betrokke middel weens die versuim van die gebruiker om etiketaanwysings na te kom nie, of weens toestande wat nie kragtens die registrasie voorsien kon word nie. Raadpleeg die verskaffer in geval van enige onsekerheid.

VOORSORGMAATREËLS

Voorsorgstellings

- Indien mediese advies benodig word, hou die produkhouer of -etiket byderhand
- Hou buite bereik van kinders.
- Lees etiket noukeurig en volg alle instruksies
- Dra beskermende handskoene/beskermende klere/oogbeskerming en gesigbeskerming
- Verkry spesiale instruksie voor gebruik
- Moenie produk hanteer voordat alle voorsorgmaatreëls gelees en verstaan is nie.
- INDIEN blootgestel of besorg, verkry mediese hulp
- Maak stortsel bymekaar
- Berg agter slot en grendel.
- Raak ontslae van inhoud/houer deur na 'n gevaarlike- of spesiale-afval insamingsplek te besorg

- Moenie dampe inasem nie.
- Dra beskermende klere en gesigmasker wanneer konsentraat hanteer word.

- Was besmette klere daaglik.
- Was met seep en water indien dit per ongeluk op die vel beland.
- Vermoed besoedeling van voedsel, voer, eetgerei en drinkwater.
- Moenie eet, rook of drink terwyl gemeng of gespuut word nie en alvorens die hande en gesig nie eers gewas is nie.
- Vermoed oorwaai van spuitstof na ander gewasse, damme, riviere en weiveld wat nie tans behandel word nie.
- Leë houers moet DRIE KEER UITGESPOEL word soos volg: Keer die leë houer om oor die spuittenk of mengbak en dreineer vir minstens 30 sekondes nadat die vloeitot 'n gedrupte verminder het. Spoel die houer daarna drie keer uit met 'n volume water gelykstaande aan 'n minimum van 10% van die houer. Gooi die spoelwater by die inhoud van die spuittenk voordat die houer op die voorgeskrewe wyse vernietig word.
- Vernietig leë houer deur gate in te kap en plat te slaan en raak op 'n veilige wyse daarvan ontslae en moenie vir enige ander doel hergebruik nie.

NOODHULPBEHANDELING

Noodhulppersoneel moet aandag gee aan hul eie veiligheid. As die pasiënt waarskynlik bewusteloos sal raak, plaas en vervoer in 'n stabiele sywaartse posisie (herstelposisie). Verwyder onmiddellik besmette klere.

INDIEN IN DIE OË:	Spoel aangetaste oë vir ten minste 15 minute met lopende water, terwyl die oogdele oopgehou word.
INDIEN INGESLUK:	Spoel mond dadelik uit en drink 200 – 300 ml water, verkry mediese hulp.
INDIEN OP DIE VEL:	Was aangetaste area dadelik deeglik met seep en water, verkry mediese hulp.
INDIEN INGEASEM:	Hou pasiënt kalm en verwyder na vars lug. Verkry mediese hulp.

Aanduiding van enige onmiddellike mediese aandag en spesiale behandeling wat nodig is
BEhandeling: Behandel simptome (reinig, belangrikste funksies). Daar is geen spesifieke teenmiddel nie.

RELEVANTE STOWWE

Gevaarlike Bestanddele Volgens UN GHS kriteria	CAS nommer	Konsentrasie (W/W)
topramezone (ISO); Methanone, [3-(4,5-dihydro-3-isoxazolyl)-2-methyl-4-(methylsulfonyl)phenyl] (5-hydroxy-1-methyl-1H-pyrazol-4-yl)-	210631-68-8	29,7 %
Benzenesulfonic acid, hydroxy-, polymer with formaldehyde, phenol and urea, sodium salt	102980-04-1	< 3 %
Propane-1,2-diol	57-55-6	< 10 %

WAARSKUWING TEEN WEERSTAND

Campus® is 'n HRAC ONKRUIDDODER GROEPKODE 27 onkruidodder. Enige populasie van 'n spesifieke onkruid mag individue insluit wat 'n natuurlike weerstand teen **Campus®**, of enige ander Groepkode 27 onkruidodder het. Indien hierdie onkruidodders in herhaaldelike en eksklusiewe programme aangewend word, kan die weerstandbiedende individue uiteindelik die onkruidpopulasie oorheers. Hierdie weerstandbiedende onkruid sal waarskynlik nie deur **Campus®** of enige ander Groepkode 27 onkruidodder, beheer word nie.

Om weerstand teen onkruidodders te verhoog:

- Verminder die eksklusiewe herhaaldelike gebruik van onkruidodders in dieselfde Onkruidoddergroepkode. Wissel af met, of gebruik tenkengels van produkte in verskillende Onkruidoddergroepcodes.
- Sien toepaslike individuele produkietikette wanneer daar afgewissel word, of tenkengels gebruik word, met produkte in ander Onkruidoddergroepcodes.
- Integreer ander beheermaatreëls (chemies en verbouing) in onkruidodderprogramme.

VIR SPESIFIEKE INLIGTING OOR WEERSTANDSBESTUUR, KONTAK DIE REGISTRASIEHOUER, BASF SA (Edms) Bpk.

WAGPERIODES VIR OPVOLGGEWASSE

- Om moontlike skade aan opvolggewasse te voorkom, moet wagperiodes soos hieronder aangedui in ag geneem word.
- Die wagperiodes soos hieronder genoem geld slegs indien die standaard aanbevole dosis **Campus®** toegedien was.
- Verwys na die onderskeie atrasiën / terbutielasiën etikette vir gebruiksbepelings.
- Dit word aanbeveel om n toetsplanting te doen.

GEWAS	WAGPERIODE IN MAANDE
Koring en gars	1
Graansorghum	2
Aartappels	6
Sojabone, droë bone, grondbone, sonneblomme en katoen	6
Alle ander gewasse	10

GEBRUIKSAANWYSINGS: GEBRUIK SLEGS SOOS VOORGESKRYF

Verenigbaarheid:

Campus® is verenigbaar met atrasiene 500 g/l en atrasiën / terbutielasiën (300/300 g/l) bevattende formulasies, **Dash® HC** (L7469), **Roundup® Powermax** (L7769), **Basagran®** (L2916), halosulfuron en **Fastac® EC** en **SC** (L4991 and L4992). Moenie produkte wat sianisien bevat met **Campus®** toedien nie. Moenie in kombinasie met kleibasis-triasiene toedien, of benatters in die spuitmengsel gebruik wanneer **Campus®** met **Roundup® Powermax** toegedien word nie.

Campus® kan opeenvolgend, of in kombinasie met insektmiddels wat as grond- of blaartoedienings gespuit word, toegedien word.

Menginstruksies:

Maak die spuittenk drie kwart vol met skoon water. Voeg 1000 ml/ha **Dash® HC** by (kyk aanwysings hieronder). Voeg 'n vloeibare (50%) hoë kwaliteit ammoniumsulfaat by om swak kwaliteit water te versag indien nodig. Skud die **Campus®** houër goed. Meet die benodigde hoeveelheid **Campus®**

af en meng dit vooraf met minstens 10 l water. Voeg hierdie mengsel by die water in die spuittenk terwyl die mengsel geroer word. Meet op soortgelyke manier ander produkte soos, atrasiën, atrasiën kombinasies soos hierbo genoem, **Basagran®**, halosulfuron en **Fastac® EC** of **SC** en voeg die verdunde mengsels in die spuittenk. Vul die spuittenk met water terwyl daar nog steeds geroer word ten einde deeglike vermenging van die spuitmengsel te verseker, alvorens daar begin word met bespuiting. Handhaaf roering gedurende die hele spuitproses. Aangemaakte spuitmengsel moenie in die spuittenk gelaat word vir enige bepaalde tydperk, bv. oornag, nie.

Vóór Campus® gespuit word, word dit aanbeveel dat **Frontier® Optima (L7011)** as 'n na-plant-, voor-opkomsbespuiting toegedien word (verwys na die **Frontier® Optima** etiket). **Campus®** behoort in 'n programbespuiting met **Frontier® Optima** toegedien word vir optimale resultate.

Gebruiksbeperkings:

Moenie **Campus®** onder die volgende situasies toedien nie:

- Op saamgepakte grondlae waar versuiptoestande op lande voorkom, of arm grond.
- Op ingeteelde ouerplante of meliehibriede, of nuut vrygestelde kultivars, sonder dat advies van die verspreider of vervaardiger ingewin is.

Grondtoediening:

- **Campus®** kan as 'n breedwerpig toediening aangewend word met 200 – 300 l water/hektaar, of 'n bandplasing waar dit met die ooreenkomstige hoeveelheid volume water per hektaar toegedien word.
- Enige medium- of hoë volume trekkergermonteerde spuitapparaat kan gebruik word, mits dit toegerus is met 'n effektiewe roermeganisme. Verseker dat die spuitpomp korrek gekalibreer is en dat die regte spuitkoppe (holkeël) aan die spuitarm gekoppel is, sodat die onkruid eweredig deur die onkruidodder bedek word.
- **Campus®** moet tydens gunstige groeitoestande toegedien word, om optimum gewastoleransie en onkruidbeheer te verkry. Dien **Campus®** as 'n na-opkoms behandeling op mielies toe wanneer die onkruid aktief groei.
- Verminder grondversteurings (bv. skoffel) vir ten minste sewe dae nadat **Campus®** toegedien is om optimale onkruidodderopname te verseker, sowel as translokasie in die plant vir verbeterde onkruidbeheer.
- Benat onkruid deeglik met onkruidodder. Digte onkruidafskermering kan die kleiner onderste onkruid bedek en kan verhoed dat hulle voldoende benat word.

Alle toedienings moet gemaak word met geskikte toerusting wat in goeie werkende toestand en korrek gekalibreer is ten einde die verlangde bedekking te gee vir die betrokke toedieningsmetode.

GEWAS	ONKRUIDE	DOSIS	GEBRUIKSAANBEVELINGS
MIELIES	Eenjarige grasse en breëblaaronkruid (soos gelys in TABELLE 1 & 2 hieronder)	Verwys na die Frontier® Optima etiket vir dosisaanbevelings 110 ml/ha + 1,5 – 2,0 l/ha atrasien 500 of 1,25 – 1,65 l/ha atrasien / terbutielasien + 1 l Dash® HC	Frontier® Optima behoort toegedien te word voordat Campus® gespuit word. (verwys na die Frontier® Optima etiket). Dien Campus® as 'n vroeë na-opkomstoediening toe tydens die 3 – 4 blaarstadium van die onkruid. Voeg altyd Dash® HC eerste in die spuitmengsel voordat enige ander produkte bygevoeg word (verwys na die Menginstruksies hierbo). Gebruik Basagran® of halosulfuron in 'n tenkmengsel met Campus® waar 'n matige populasie van geeluintjies (<i>Cyperus esculentus</i>) voorkom. Met swaar besmettings van geeluintjies, dien EPTC toe as a voor-plant ingewerkte toediening (verwys na die relevante etiket/te vir besonderhede van gebruiksaanwysings om bykomende onkruid te beheer).

BEHEER VAN ONKRUIDE

Die volgende spesies word normaalweg beheer deur 'n voor-opkomstoediening van **Frontier® Optima** opgevolg deur 'n na-opkomstoediening van **Campus®** plus die aanbevole atrasien kombinasies in 'n tenkmengsel (verwys na **TOEDIENINGSVOORSKRIFTE** in die tabel hierbo).

TABEL 1

GRASSE			
<i>Brachiaria eruciformis</i>	Litjiesinjalgras	<i>Eleusine corocana</i>	Jongosgras
<i>Chloris gayana</i>	Rhodes Chloris	<i>Eragrostis curvula</i>	Digsaad Eragrostis
<i>Chloris virgata</i>	Witpluim chloris	<i>Eragrostis tef</i>	Tefgras
<i>Dactyloctenium aegyptium</i>	Hoenderspoor	<i>Lolium multiflorum</i>	Italiaanse raaigras
<i>Digitaria eriantha</i>	Gewone vingergras	<i>Panicum maximum</i>	Gewone buffelsgras
<i>Digitaria sanguinalis</i>	Kruisvingergras	<i>Panicum schinzii</i>	Soetbuffelsgras
<i>Echinochloa colona</i>	Moerasgras	<i>Tragus berteronianus</i>	Kleinwortelsaadgras
<i>Echinochloa crusgalli</i>	Hanepootmanna	<i>Urochloa panicoides</i>	Beesgras

TABEL 2

BREËBLAARONKRUIDE			
<i>Acanthospermum hispidum</i>	Regop sterklits	<i>Emex australis</i>	Kaapse dubbeltjie
<i>Amaranthus deflexus</i>	Meerjarige misbredie	<i>Euphorbia helioscopia</i>	Sambreel Euphorbia
<i>Amaranthus hybridus</i>	Gewone misbredie	<i>Flaveria bidentis</i>	Smelterbossie
<i>Amaranthus spinosus</i>	Doringmisbredie	<i>Gisekia pharmacoides</i>	Gisekia
<i>Amaranthus thunbergii</i>	Roomisbredie	<i>Helianthus annua</i>	Opslag sonneblom
<i>Bidens pilosa</i>	Knapsekereel	<i>Hibiscus trionum</i>	Terblansbossie
<i>Chenopodium album</i>	Withondebos	<i>Nicandra physaloides</i>	Basterappelliefie
<i>Chenopodium carinatum</i>	Groenhondebos	<i>Physalis angulata</i>	Wildeappelliefie
<i>Cleome gyandra</i>	Snotterbelletjie	<i>Portulaca oleracea</i>	Porslein
<i>Cleome monophylla</i>	Rusperbossie	<i>Richardia brasiliensis</i>	Tropiese Richardia
<i>Crotalaria sphaerocarpa</i>	Mielie Crotalaria	<i>Schkuhria pinnata</i>	Kleinkakiebos
<i>Datura ferox*</i>	Groot stinkblaar / olieboom	<i>Tagetes minuta</i>	Kakiebos
<i>Datura stramonium*</i>	Gewone stinkblaar / olieboom	<i>Tribulus terrestris</i>	Gewone dubbeltjie
		<i>Xanthium strumarium*</i>	Kankerroos

*Hierdie plantspesies kan van saad opkom wat diep in die grond is en mag ná die oorgroote meerderheid van die onkruid eers opkom en gevolglik nie voldoende beheer word nie. **Campus®, Dash® HC, Basagran®, Frontier® Optima, Fastac® EC en Fastac® SC** is Geregistreerde Handelsmerke van BASF.

Roundup® is 'n geregistreerde handelsmerk van Monsanto Technology LLC.

ml
800

BASF

We create chemistry

700

Campus®



Reg. No. L8521

Act No. 36 of 1947

**READ ATTACHED PACKAGE OR LEAFLET BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

600

GROUP	27	HERBICIDE
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A suspension concentrate herbicide for control of early post-emergent annual grasses and broadleaf weeds (as specified) in maize.

'n Suspensiekonsentraat onkruidodder vir die beheer van vroeë na-opkoms eenjarige grasse en eenjarige breëblaaronkruid (soos aangetoon) in mielies.

Hazard statements:

May damage the unborn child.
Very toxic to aquatic life with long lasting effects.

Precautionary statements:

Wear protective gloves/clothing/eye protection.
IF exposed or concerned: Get medical attention.

Active ingredients / Aktiewe bestanddele:

Topramezone (pyrazolone).....336 g/l

Registered by:

BASF South Africa (Pty) Ltd
Co. Reg. No. 66/10235/07
852 Sixteenth Road
P.O. Box 2801
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+27 11 203 2400

Geregistreeer deur:

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852 Sestiende Laan
Posbus 2801
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500

400

300

Batch No. & Date manufactured: Refer to details printed on container
Lotnommer & Datum vervaardig: Verwys na besonderhede gedruk op houer

EMERGENCY NUMBER / NOODNOMMER: +27 82 446 8946

200
ml

1 l



81169260 ZA 2063



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