

BASF
We create chemistry

FOCUS® ULTRA

Reg. No. L4319; N-AR 0807

Act No. 36 of 1947

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

GROUP 1 HERBICIDES

A selective, emulsifiable systemic weed killer for the post-emergence control of certain grasses in broadleaf and forestry crops as indicated.

'n Selektiewe, emulgeerbare sistemiese onkruiddoder vir naopkoms beheer van sekere grasse in breëblaar en bosbougewasse soos aangedui.



DANGER

Combustible liquid.
Causes serious eye irritation.
Causes skin irritation.
May be fatal if swallowed and enters airways.
May cause drowsiness or dizziness.
Suspected of damaging the unborn child.
Very toxic to aquatic life with long lasting effects.
Wear protective gloves, protective clothing and eye protection or face protection.
Avoid breathing mist or vapour or spray.

Active ingredients:
Aktiewe bestanddele:

Cycloxydim (cyclohexenone compound)... 100 g/l

Registered by:

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

Geregistreer deur:

BASF Suid-Afrika (Edms) Bpk
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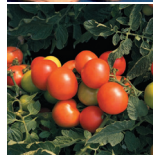
Batch No. & Date manufactured: Refer to details printed on container

Lotnommer & Datum vervaardig: Verwys na besonderhede gedruk op houer

EMERGENCY NUMBER / NOODNOMMER: +27 82 446 8946

* = Registered trademark of BASF / Geregistreeerde handelsmerk van BASF

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ENGLISH

WARNINGS

Hazard Statements

- Combustible liquid.
- Causes serious eye irritation.
- Causes skin irritation.
- May be fatal if swallowed and enters airways.
- May cause drowsiness or dizziness.
- Suspected of damaging the unborn child.
- Very toxic to aquatic life with long lasting effects.

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

Crop	Number of days if treated with dosage rates in ℓ / ha of:	
	1,2 or less	higher than 1,2 or as spot treatment
Lucerne, Clovers, Medics	10	30
Deciduous fruits	25	25
Dry- and Green beans,	30	30
Grape vines	30	30
Groundnuts, Soyabeans	35	35
Citrus, Subtropical fruits	40	40
Cotton	40	60
Onions, Tomatoes	50	50
Cucurbits, Lupins	55	55
Other crops	60	60

- Harmful when swallowed.
- May cause eye irritation.
- Store in a cool, dry place away from food, feed and seed.
- Keep out of reach of children, uninformed persons and animals.
- Water with a high alkalinity or with high salt concentrations may reduce the efficacy of **Focus[®] Ultra** and should therefore be avoided or neutralised with suitable buffer solutions where possible.
- Toxic to fish.

Aerial application:

- Notify and warn all inhabitants in the immediate area of the intended application and issue the necessary warnings.
- Do not spray over adjacent areas or water or permit spray to drift there.

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, protective clothing and eye protection or face protection.
 - Use only outdoors or in a well-ventilated area.
 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 - Avoid breathing mist or vapour or spray.
 - Obtain special instructions before use.
 - Do not handle until all safety precautions have been read and understood.
 - Wash contaminated body parts thoroughly after handling.
 - Call a POISON CENTRE or physician if you feel unwell.
 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - IF SWALLOWED: Immediately call a POISON CENTRE or physician.
 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 - IF ON SKIN: Wash with plenty of soap and water.
 - IF exposed or concerned: Get medical attention.
 - If skin irritation occurs: Get medical attention.
 - Collect spillage.
 - Do NOT induce vomiting.
 - If eye irritation persists: Get medical attention.
 - Take off contaminated clothing and wash it before reuse.
 - In case of fire: Use water spray, dry powder, foam or carbon dioxide for extinction.
 - Store in a well-ventilated place. Keep container tightly closed.
 - Store locked up.
 - Dispose of contents and container to hazardous or special waste collection point.
-
- Do not inhale spray mist.
 - Wear protective goggles when handling the undiluted product.
 - Wash after accidental skin contact.
 - Do not eat, drink or smoke while using and before washing hands and face or change of clothing.
 - Prevent spray drift onto other susceptible crops, grazing, rivers, dams or other water sources.
 - Wash out applicator with clean water before using with other remedies.
 - 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 perforating and flattening and do not re-use for any other purpose.
 - Prevent contamination of food, feed, drinking water and eating utensils.

RELEVANT SUBSTANCES

Hazardous ingredients According to UN GHS criteria	CAS number	Concentration (W/W)
cycloxydim (ISO)	101205-02-1	10,63 %
Solvent naphtha (petroleum), heavy arom.	64742-94-5	< 60 %
Docusate sodium	577-11-7	< 5 %

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, consult an eye specialist.
ON INGESTION:	Immediately rinse mouth and then drink 200 – 300 ml water, seek medical attention. Do not induce vomiting due to aspiration hazard.
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

RESISTANCE WARNING

For resistance management Focus® Ultra is a HRAC Group Code 1 herbicide. Any weed population, may contain individuals naturally resistant to Focus® Ultra and other Group Code 1 herbicides. These resistant individuals, can eventually dominate the weed population, if these herbicides are used repeatedly. These resistant weeds may not be controlled by Focus® Ultra, or any other Group Code 1 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.
- Integrate control methods (chemical, cultural and biological), into weed control programmes.

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

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

Compatibility:

Focus® Ultra is compatible when tank mixed with Bladbuff '5' (L3351).

Mixing instructions:

Half fill the tank with clean water. Measure the required quantity of Focus® Ultra and pre-mix this with at least 10 l water. Add this mixture to the water in the spray tank while agitating the mixture. Fill the spray tank with water while maintaining agitation to ensure thorough mixing of the spray mixture before spraying commences. Maintain agitation during the whole spraying operation. When Focus® Ultra is tank mixed with other products, then whichever product(s) being used should be added to the water first, with Focus® Ultra being added later, just before the tank is topped up to reach the required volume. Prepared spray mixture must not be left in the spray tank for any length of time, e.g. overnight.

Use restrictions:

- Apply Focus® Ultra only on **actively growing** grass weeds.
- Allow at least three days between a Focus® Ultra application and any other herbicide treatment.
- Apply Focus® Ultra preferably in 150 l water/ha (not exceeding 200 l water/ha).
- Focus® Ultra can only be used on the following crops:

Citrus	Grape vines	Onions (incl. seedbeds)	Subtropical fruits:
Clovers	Green beans	Pineapples	Avocados
Cotton	Groundnuts	Potatoes	Cocos Palm trees
Cucurbit crops	Lucerne	Soyabeans	Litchis
Deciduous fruits	Lucerne / Clover	Sunflowers	Macadamia nuts
Dry beans	pastures	Tobacco	Mangoes
Forestry crops	Lupins	Tomatoes	Papayas
(incl. nurseries)	Medics	(incl. seedbeds)	Pecan nuts

- In cases where follow-up crops are to be planted after **Focus® Ultra** has been applied, the following safety period should be allowed between application and planting:
 - Broadleaf crops: can be planted any time.
 - Grain- and grass crops: three weeks.
- Rain or irrigation within **one hour** after application of **Focus® Ultra** may necessitate a second spray.
- Ensure that cover of the weeds by the crop does not restrict the application of **Focus® Ultra** onto the weeds.

Application

Ground application:

Apply **Focus® Ultra** in 150 – 200 ℓ water/ha. Use flat fan, hollow cone- or full cone nozzles **delivering not more than 1,2 ℓ spray mixture per minute at a pressure of 3 Bar (300 kPa). Apply at a pressure of at least 3 Bar (300 kPa).** Ensure that the sprayer is correctly calibrated and that the spray mixture is evenly distributed over the target area.

Aerial application:

Aerial application of **Focus® Ultra**, may only be done by a registered aerial application operator using a correctly calibrated, registered aircraft according to the instructions of SANS Code 10118 (Aerial Application of Agricultural Pesticides). Ensure that the spray mixture is distributed evenly over the target area and that the loss of spray material during application is restricted to a minimum. It is therefore essential that the following criteria be met:

- **Volume:** A spray mixture volume of 30 ℓ per hectare is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy, or be held responsible for any adverse effects if this product is applied aerially at a lower volume rate than recommended above.
- **Droplet coverage:** The following number of droplets per cm² must be recovered at the target area: **Post-emergent:** 35 – 45.
- **Droplet size:** The following droplet spectrum is recommended: **Post-emergent:** VMD of 300 – 350 micron. Limit the production of fine droplets less than 150 micron (high drift and evaporation potential) to a minimum.
- **Flying height:** Maintain the height of the spray boom at 3 – 4 metres above the target. Do not spray when aircraft dives, is in a climb or when banking.
- Use suitable atomising equipment that will produce the desired droplet size and coverage, but which will ensure the minimum loss of product. The spraying system must produce a droplet spectrum with the lowest possible Relative Span.
- Position all the atomisers within the inner 60 – 75% of the wingspan to prevent droplets from entering the wingtip vortices.
- The difference in temperature between the wet and dry bulb thermometers, of a whirling hygrometer, should not exceed 8°C.
- Stop spraying if the wind speed exceeds 15 km/h.
- Stop spraying under turbulent, unstable and dry conditions during the heat of the day.
- Spraying under temperature inversion conditions (spraying in or above the inversion layer) and / or high humidity conditions (relative humidity 80% and above) may lead to the following:
 - reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage), air (inadequate coverage).

- damage to other sensitive crops and / or non-target areas through drifting of the suspended spray cloud away from the target field.
- Ensure that the aerial spray operator knows exactly which fields to spray.
- Obtain an assurance from the aerial spray operator that the above requirements will be met and that relevant data will be compiled in a logbook and kept for future reference.

It is recommended to increase the application rate as indicated for ground equipment by 10%. Apply **Focus® Ultra** in a minimum of 30 l water/ha and make sure that the correct amount of product is evenly distributed over the target area.

Application timing:

Focus® Ultra can be applied over the top at any stage of the crop, provided that safety periods as indicated under **WARNINGS** are adhered to. Ensure that the grass weeds are not beyond the growth stage as indicated in the **APPLICATION TABLE**.

Row- and spot treatments:

Focus® Ultra can also be applied as a row treatment, in which case the dosage rate and spray volume / ha should be adapted accordingly. In cases where only patches in the field are infested with grass weeds, it is recommended to apply **Focus® Ultra** as a spot treatment with a knapsack sprayer as a 2% **Focus® Ultra** solution 200 ml **Focus® Ultra** /10 l water).

Acidity of spray mixture:

Focus® Ultra normally performs better when applied in a slightly acid spray mixture with a pH of about 4 – 5. It is therefore advisable to add a pH-buffer solution, e.g. Bladbuff 5', to the mixture in cases where the pH of the spraying water is higher than the indicated optimum value. Refer to the Bladbuff 5' label for more details.

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.

APPLICATION RATES (see USE RESTRICTIONS) AND LIST OF WEEDS CONTROLLED BY **Focus® Ultra**.

WEEDS CONTROLLED at indicated rates		Focus® Ultra in l/ha*			
		Seedlings up to just before tillering stage.		Tillering-heading	
		Ground app.	Aerial app.	Ground app.	Aerial app.
<i>Digitaria ciliaris</i>	Tropical finger-grass	0,8		1,6	
<i>Digitaria sanguinalis</i>	Crab finger-grass	0,8			
<i>Eleusine indica</i>	Goose grass	0,8		1,6	
<i>Eragrostis virescens</i>	Chilean Love grass	0,8			
<i>Paspalum paspalodes</i>	Couch Paspalum	0,8		2,0	
<i>Panicum schinzii</i>	Sweet buffalo grass	0,8			
<i>Urochloa panicoides</i>	Herringbone grass	0,8		1,0	
<i>Avena fatua</i>	Wild oats	1,0			
<i>Avena sativa</i>	Volunteer oats	1,0		1,6	
<i>Bromus diandrus</i>	Ripgut brome	1,0		2,0	
<i>Bromus unioloides</i>	Rescue grass	1,0		2,0	
<i>Dactyloctenium aegyptium</i>	Crowfoot	1,0		1,6	
<i>Eragrostis aspera</i>	Rough Love grass	1,0		2,0	

WEEDS CONTROLLED at indicated rates		Focus® Ultra in t/ha*			
		Seedlings up to just before tillering stage.		Tillering-heading	
		Ground app.	Aerial app.	Ground app.	Aerial app.
<i>Eragrostis pilosa</i>	Slender meadow grass	1,0	Add. 10% to dosage rates as indicated for ground equipment		Add. 10% to dosage rates as indicated for ground equipment
<i>Eragrostis superba</i>	Flat-seed Love grass	1,0			
<i>Hordeum capenses</i>		1,0			
<i>Panicum virgatum</i>		1,0		3,0	
<i>Phalaris canariensis</i>	Canary grass	1,0			
<i>Lolium multiflorum</i>	Italian ryegrass	1,0			
<i>Lolium temulentum</i>	Darnel	1,0		2,0	
<i>Sorghum sudanense</i>	Chicken Corn	1,0			
<i>Tragus racemosus</i>	Large carrotseed grass	1,0			
<i>Triticum aestivum</i>	Volunteer wheat	1,2		3,0	
<i>Chloris virgata</i>	Feathertop-Chloris	1,2			
<i>Panicum maximum</i>	Common buffalo grass	1,2			
<i>Panicum stapfianum</i>		1,2			
<i>Rotiboaella exaltata</i>	Guinea fowl grass	1,2		1,6	
<i>Setaria verticillata</i>	Sticky bristle grass	1,2		1,6	
<i>Zea mays</i>	Volunteer maize	1,2			
<i>Brachiaria eruciformis</i>	Sweet signal-grass	1,6			
<i>Cynodon dactylon</i>	Common couch	2,0		4,0	
<i>Paspalum dilatatum</i>	Common paspalum	2,0	4,0		
<i>Sorghum bicolor</i> subsp. <i>arundinaceum</i>	Common wild sorghum	2,0	4,0		
Spot treatments: 200 ml Focus® Ultra /10 l water.					
*Trial results are not yet available in cases where dosage indications are absent.					

Bladbuff '5' is a Registered Trademark of Plaaskem (Pty) Ltd.

AFRIKAANS

WAARSKUWINGS

Gevaarstellings

- Vlambare vloeistof.
- Veroorsaak ernstige oogirritasie.
- Veroorsaak velirritasie.
- Mag dodelik wees indien ingesluk en in lugweg inbeweeg.
- Mag lomerigheid of duiseligheid veroorsaak.
- Mag skadelik wees vir 'n ongeboer kind.
- Baie giftig vir akwatiese organismes met langdurige effek.

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

Gewas	Aantal dae indien behandel met hoeveelhede in l/ha van:	
	1,2 of minder	meer as 1,2 of as kol-bespuiting
Lusern, Klawers, Medics	10	30
Sagte vrugte	25	25
Droë- en Groenbone,	30	30
Wingerd	30	30
Grondbone, Sojabone	35	35
Sitrus, Subtropiese vrugte	40	40
Katoen	40	60
Uie, Tamaties	50	50
Pampoengewasse, Lupiene	55	55
Ander gewasse	60	60

- Skadelik indien ingesluk word.
- Mag oogirritasie veroorsaak.
- Stoor in 'n koel, droë plek weg van kos, voer en saad.
- Hou buite bereik van kinders, ongeligete persone en diere.
- Water met 'n hoë alkaliniteit of met hoë soutkonsentrasies mag die effektiwiteit van **Focus® Ultra** verminder en moet verkieslik nie gebruik word nie of waar moontlik met geskikte bufferoplossings geneutraliseer word.

Lugtoediening:

- Verwittig en waarsku alle inwoners in die onmiddellike gebied van die beoogde toediening en reik die nodige waarskuwings uit.
- Moenie oor aangrensende gebiede of water spuit of spuitstof daarheen laat oorwaai nie.

Alhoewel hierdie middel onder 'n groot verseidenheid 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 verzuim 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.

VOORSORGMATREËLS

Voorsorgstellings

- Indien mediese advies nodig is, hou die produkhouer of etiket byderhand.
 - Hou buite bereik van kinders.
 - Lees etiket aandagtig deur en volg alle instruksies.
 - Dra beskermende handskoene, beskermende klere en beskerming vir oë of gesig.
 - Gebruik slegs buite of in 'n goed geventileerde area.
 - Hou weg van hitte, warm oppervlakke, vonke, oop vlamme en ander bronne wat 'n brand kan veroorsaak. Moenie rook nie.
 - Inaseming van spuitnewel, dampe en sproei moet vermy word.
 - Verky spesiale instruksies voor gebruik.
 - Do not handle until all safety precautions have been read and understood. Moenie hanter voordat alle voorsorgmaatreëls gelees en verstaan is nie.
 - Was besoedelde liggaamsdele deeglig na hantering van produk.
 - Skakel 'n GIFBEHEERSENTRUM of geneesheer indien u siek voel.
 - INDIEN IN DIE Oë: Spoel aangetaste oë versigtig met water uit vir n paar minute. Verwyder kontaklense indien teenwoordig en net as dit maklik is om te verwyder en gaan voort om oë uit te spoel.
 - INDIEN INGESLUK: Skakel dadelik 'n GIFBEHEERSENTRUM of geneesheer.
 - INDIEN INGEASEM: Verwyder persoon na vars lug en hou gemaklik sodat persoon kan asemhaal.
 - INDIEN OP DIE VEL: Was met baie seep en water.
 - Indien blootgestel, of bekommerd is oor moontlike blootstelling, verky mediese hulp.
 - In geval van velirritasie, verky mediese hulp.
 - Maak produk bymekaar wat gemors / uitloop het.
 - Moet NIE braking veroorsaak NIE.
 - As oogirritasie voortdeur, verky mediese hulp.
 - Verwyder besoedelde klere en was voor hergebruik.
 - In geval van brand: gebruik water sproei, droë poeier, skuim of koolstofdoksied om vuur te blus.
 - Houer moet dig toe gehou word.
 - Bêre agter slot en grendel.
 - Raak ontslae van inhoud en houer deur na 'n gevaarlike- of spesiale-afval insamelsplek te besorg.
- Moenie spuitnewel inasem nie.
 - Dra skermbril wanneer die onverdunde produk hanteer word.
 - Was na toevallige velkontak.
 - Moet nie eet, drink of rook tydens gebruik of voor hande en gesig gewas is of klere verwissel is nie.
 - Verhoed spuitstofwegdrywing na gevoelige gewasse, weivelde, riviere, damme en ander waterbronne.
 - Was spuittoestel met skoon water uit voor gebruik van ander middels.
 - Lêë houers moet DRIE KEER UITGESPOEL word soos volg: Keer die lêë houer om oor die spuittenk of mengbak en dreineer vir minstens 30 sekondes nadat die vloei tot 'n gedrup 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 lêë houer deur gate in te slaan en plat te slaan en moet nooit vir enige ander doel hergebruik nie.
 - Vermy besoedeling van voedsel, voer, drinkwater en eetgerei.

RELEVANTE STOWWE

Gevaarlike Bestanddele Volgens UN GHS kriteria	CAS nommer	Konsentrasie (W/W)
cycloxydim (ISO)	101205-02-1	10,63 %
Solvent naphtha (petroleum), heavy arom.	64742-94-5	< 60 %
Docusate sodium	577-11-7	< 5 %

IRST AID TREATMENT

Noodhulp personeel 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 OÊ:	Spoei oë dadelik vir ten minste 15 minute met lopende water uit terwyl die ooglede oorgehou word, raadpleeg 'n oogspesialis.
INDIEN INGESLUK:	Spoei mond dadelik uit en drink 200 – 300 ml water, kry mediese hulp. Moenie braking veroorsaak nie.
INDIEN OP DIE VEL:	Was dadelik aangetaste area deeglik met seep en water, raadpleeg 'n velspesialis.
INDIEN INGEASEM:	Hou pasiënt kalm, verwyder na vars lug, kry mediese hulp.

Behandeling: Behandel simptome (reinig, belangrikste funksies). Daar is geen spesifieke teenmiddel nie.

WAARSKUWING TEEN WEERSTAND

Focus® Ultra is 'n HRAC Groepkode 1 onkruidoder. Enige populasie van 'n spesifieke onkruid, mag individue insluit, wat 'n natuurlike weerstand teen **Focus® Ultra**, of enige ander Groepkode 1 onkruidodders het. Indien hierdie onkruidodders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die onkruidpopulasie oorheers. Hierdie weerstandbiedende onkruid, sal waarskynlik nie deur **Focus® Ultra**, of enige ander Groepkode 1 onkruidodders beheer word nie. Om weerstandbiedendheid teen onkruidodders te vertraag:

- Verminder die eksklusiewe, herhaaldelike gebruik van onkruidodders, van dieselfde Onkruidoddergroepkode.
- Wissel af met, of gebruik tenkingsels van produkte, van verskillende Onkruidoddergroepkodes.
- Integreer ander beheermaatregels (chemie, verbouing en biologies), in onkruidoderprogramme.

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

GEBRUIKSAAANWYSINGS: GEBRUIK SLEGS SOOS VOORGESKRYF

Verenigbaarheid:

Focus® Ultra is verenigbaar in tenkingsels met Bladbuff '5' (L3351).

Menginstruksies:

Maak die spuitnek halfvol met skoon water. Meet die benodigde hoeveelheid **Focus® Ultra** af en meng dit vooraf met minstens 10 l water. Voeg hierdie mengsel by die water in die spuitnek terwyl die mengsel geroer word. Vul die spuitnek 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. Wanneer **Focus® Ultra** in 'n tenkingsel met ander produkte gebruik word, moet die ander produk(te) eerste by die water gevoeg word. Daarna moet **Focus® Ultra** bygevoeg word net voordat die tenk tot die vereiste hoeveelheid water gevul word. Aangemaakte spuitmengsel moenie in die spuitnek gelaat word vir enige bepaalde tydperk, bv. oornag, nie.

Gebruiksbeperkings:

- Dien **Focus® Ultra** slegs op aktief groeiende grasonkruid toe.
- Laat tenminste drie dae toe tussen 'n bespuiting met **Focus® Ultra** en 'n toediening van enige ander onkruidoder.
- Dien **Focus® Ultra** by voorkeur toe in 150 l water/ha (moenie 200 l water / ha oorskry nie).
- **Focus® Ultra** mag slegs op die volgende gewasse gebruik word:

Aartappels	Medics	Groenbone	Subtropiese vrugte:
Bosbougewasse (inssl. kwekerie)	Pampoengewasse	Grondbone	Avocado's
Katoen	Pynappels	Tabak	Kokospalm
Klawers	Sagte vrugte	Tamaties (inssl. saadbeddings)	Lietsjies
Lupiene	Sitrus	Uie (inssl. saadbeddings)	Macadamia neutre
Lusern	Sojabone	Wingerd	Mango's
Lusern / Klawer	Sonneblomme		Papajas
weidings	Dröëbone		Pecan neutre

- In gevalle waar opvolggewasse geplant word na 'n bespuiting met **Focus® Ultra**, moet die volgende veiligheidsperiode tussen toediening en plant toegelaat word:
 - Breëblaargewasse: kan enige tyd geplant word.
 - Graan- en grasgewasse: drie weke.
- Reën of besproeiing binne **een uur** na toediening van **Focus® Ultra** mag 'n tweede bespuiting noodsaak.
- Verseker dat afsterfing van onkruid deur die gewas nie die toediening van **Focus® Ultra** op die onkruid beperk nie.

Toedienings

Grondtoedienings:

Dien **Focus® Ultra** in 150 – 200 l water / ha toe. Gebruik platwaaier, holkeël – of volkeël- spuitpunte met 'n lewering van **nie meer as 1,2 l spuitmengsel per minuut, by 'n spuitdruk van 3 Bar (300 kPa). Spuit met 'n druk van tenminste 3 Bar (300 kPa)**. Maak seker dat die spuitapparaat korrek gekalibreer is en dat die spuitmengsel eweredig oor die teikengebied gespuit word.

Lugbespuiting:

Focus® Ultra kan slegs deur 'n geregistreerde lugbespuitingsperateur met 'n korrek gekalibreerde, geregistreerde vliegtuig volgens die instruksies van SANS 10118 (Aerial Application of Agricultural Pesticides) uit die lug bespuit word. Verseker dat die spuitmengsel eweredig oor die teikenarea versprei word, en die verlies aan spuitmengsel tydens toediening tot 'n minimum beperk word. Dit is daarom belangrik om aan die volgende vereistes te voldoen:

- **Volume:** 'n Spuitmengselvolume van 30 l per ha word aanbeveel. Hierdie produk is nie teen 'n verlaagde volume getoets nie. Die registrasiehouer kan nie effektiwiteit waarborg, of verantwoordelik gehou word vir enige nadelige effekte indien hierdie produk teen 'n laer volume, as hierbo aanbeveel, toegedien word nie.
- **Druppelbedekking:** Die volgende aantal druppels per cm² moet op die teikenarea herwin word: **Na-opkoms: 35 – 45.**
- **Druppelgrootte:** Die volgende druppelspektrum word aanbeveel: **Na-opkoms:** VMD van 300 – 350 mikron. Beperk die produksie van druppels kleiner as 150 mikron (hoë drywing en verdampingspotensiaal) tot 'n minimum.
- **Vlieghoogte:** Handhaaf die hoogte van die spuitbalk bo die teiken op 3 – 4 meter. Moenie spuit wanneer die vliegtuig duik, uitklim of draai nie.
- Gebruik geskikte **atomiseringsapparaat** wat die vereiste druppelgrootte en bedekking sal produseer, maar die minste verlies van produk verseker. Die spuitstelsel moet 'n druppelspektrum met die kleinste moontlike Relatiewe Span produseer.
- Plaas al die atomiseerders in die binneste 60 – 75% van die vlerkspan om te verhoed dat druppels binne-in die **vlerkpuntvorteks** beweeg.
- Die verskil in **temperatuur** tussen die nat- en dröëboltermometer van 'n swaaighrometer, moenie 8° C oorskry nie.
- Stop bespuiting indien die **windspoed** 15 km/uur oorskry.
- Stop bespuiting tydens **turbulente**, onstabiele en dröë toestande gedurende die hitte van die dag.
- Bespuiting onder temperatuur inversie toestande (deur bo of binne die inversie laag te spuit) en / of **hoë lugvog** toestande (relatiewe humiditeit 80% en meer) mag tot volgende probleme aanleiding gee:
 - verlaagde effektiwiteit aangesien die druppels as 'n wolk in die lug bly hang en moontlik verdamp (onvoldoende bedekking op teiken).

- skade aan nie-teiken gewasse of sensitiewe areas as gevolg van wegdrywing van die spuitwolkna teiken area.
- Verseker dat die lugbespuitingsoperateur presies weet watter lande bespuit moet word.
- Dit is noodsaaklik om 'n versekering van die lugbespuitingsoperateur te verkry dat aan al die bogenoemde vereistes voldoen sal word en dat data van belang in 'n logboek saamgevat is vir toekomstige verwysing.

Dit word aanbeveel om die toedieningsvolume, soos aangedui vir grondtoediening, met 10% te verhoog. Dien **Focus® Ultra** in 'n minimum van 30 ℓ water/ha toe en maak seker dat die korrekte hoeveelheid produk eweredig oor die teikengebied versprei word.

Toedieningstyd:

Focus® Ultra kan bo-oor die gewas toegedien word gedurende enige groeistadium, met die voorbehoud dat die veiligheidsperiodes, soos aangedui onder **WAARSKUWINGS**, in ag geneem word. Verseker dat die grasonkruid nie verby die groeistadiums is soos aangedui in die **TOEDIENINGSTABEL** nie.

Ry- en kolbespuitings:

Focus® Ultra kan ook as 'n rybehandeling toegedien word. In dié geval moet die dosis en spuitmengselvolume / ha daarvolgens aangepas word. In gevalle waar slegs kolle in die veld met grasonkruid geïnsteer is, word aanbeveel om **Focus® Ultra** as 'n kolbehandeling met 'n rugsakspuit toe te dien as 'n 2% **Focus® Ultra** oplossing (200 ml **Focus® Ultra** /10 ℓ water).

Suurgehalte van die spuitmengsel:

Focus® Ultra is gewoonlik meer effektief as dit toegedien word in 'n meer suur spuitmengsel met 'n pH van ongeveer 4 – 5. Daarom behoort die toevoeging van 'n pH-buffer oplossing, soos byv. Bladbuff '5', oorweeg te word, in gevalle waar die pH van die spuitwater hoër as die aangeduide optimum waarde is. Raadpleeg die Bladbuff '5' etiket vir meer besonderhede.

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.

TOEDIENINGSHOEVEELHEDE (KYK GEBRUIKSPERKINGS) EN LYS VAN ONKRUIDE WAT DEUR Focus® Ultra BEHEER WORD.

ONKRUIDE BEHEER teen aangeduide dosis		Focus® Ultra in ℓ/ha*			
		Saailing tot net voor uitstoelestadium		Uitstoele-blomstadium	
		Grond toed.	Lug- toed.	Grond toed.	Lug- toed.
<i>Digitaria ciliaris</i>	Tropiese vingergas	0,8		1,6	
<i>Digitaria sanguinalis</i>	Kruisvingergas	0,8			
<i>Eleusine indica</i>	Jongosgas	0,8		1,6	
<i>Eragrostis virescens</i>	Chiliese Eragrostis	0,8			
<i>Paspalum paspalodes</i>	Kweek-Paspalum	0,8		2,0	
<i>Panicum schinzii</i>	Soetbuffelsgras	0,8			
<i>Urochloa panicoides</i>	Beesgras	0,8		1,0	
<i>Avena fatua</i>	Wildehawer	1,0			
<i>Avena sativa</i>	Opslaghawer	1,0		1,6	
<i>Bromus diandrus</i>	Predikantsluis	1,0		2,0	
<i>Bromus unioloides</i>	Reddingsgras	1,0		2,0	
<i>Dactyloctenium aegyptium</i>	Hoenderspoor	1,0		1,6	

ONKRUIDE BEHEER teen aangeduide dosis		Focus® Ultra in l/ha*			
		Saailinge tot net voor uitstoelstadium		Uitstoel-blofstadium	
		Grond toed.	Lug- toed.	Grond toed.	Lug- toed.
<i>Eragrostis aspera</i>	Grootpluimeragrostis	1,0	Voeg 10% by hoeveelheid soos aangedui vir grond- toediening	2,0	Voeg 10% by hoeveelheid soos aangedui vir grond- toediening
<i>Eragrostis pilosa</i>	Reëngras	1,0			
<i>Eragrostis superba</i>	Bosluisgras	1,0			
<i>Hordeum capenses</i>		1,0			
<i>Panicum virgatum</i>		1,0		3,0	
<i>Phalaris canariensis</i>	Kanariegras	1,0			
<i>Lolium multiflorum</i>	Italiaanse raaigras	1,0			
<i>Lolium temulentum</i>	Drabok	1,0		2,0	
<i>Sorghum sudanense</i>	Kiepiemanna	1,0			
<i>Tragus racemosus</i>	Grootwortelsaadgras	1,0			
<i>Triticum aestivum</i>	Opslagkoring	1,2		3,0	
<i>Chloris virgata</i>	Witpluim-Chloris	1,2			
<i>Panicum maximum</i>	Gewone buffelsgras	1,2			
<i>Panicum stapfianum</i>		1,2			
<i>Rottboellia exaltata</i>	Tarentaalgras	1,2		1,6	
<i>Setaria verticillata</i>	Klitsborselgras	1,2		1,6	
<i>Zea mays</i>	Opslagmielies	1,2			
<i>Brachiaria eruciformis</i>	Litjie-sinjalgras	1,6			
<i>Cynodon dactylon</i>	Gewone kweekgras	2,0	4,0		
<i>Paspalum dilatatum</i>	Gewone Paspalum	2,0	4,0		
<i>Sorghum bicolor</i> subsp. <i>arundinaceum</i>	Gewone wildesorghum	2,0	4,0		
Kolbespuitings: 200 ml Focus® Ultra /10 l water.					
* Proefresultate is nie beskikbaar in gevalle waar dosisaanduidings ontbreek nie.					

Bladbuff '5' is 'n Geregisteerde Handelsmerk van Plaaskem (Edms) Bpk.

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GROUP 1 HERBICIDES

A selective, emulsifiable systemic weed killer for the post-emergence control of certain grasses in broadleaf and forestry crops as indicated.

'n Selektiewe, emulgeerbare sistemiese onkruiddoder vir naopkoms beheer van sekere grasse in breëblaar en bosbougewasse soos aangedui.



DANGER

Combustible liquid.
Causes serious eye irritation.
Causes skin irritation.
May be fatal if swallowed and enters airways.
May cause drowsiness or dizziness.
Suspected of damaging the unborn child.
Very toxic to aquatic life with long lasting effects.
Wear protective gloves, protective clothing and eye protection or face protection.
Avoid breathing mist or vapour or spray.

Active ingredients:
Aktiewe bestanddele:

Cycloxydim (cyclohexenone compound)... 100 g/l

Registered by:

BASF South Africa (Pty) Ltd
Co. Reg. No. 66/10235/07
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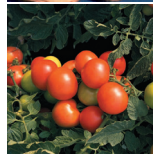
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