



BROMEX 750 WG

BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY			
VERWYS NA BESONDERHEDE SOOS OP HOUER / SAK GEDRUK GEbruiksaanwysings ingesluit Lotnommer Datum van vervaardiging	BromeX 750 WG HERBICIDE		
	Reg. No. L10826, Act/Wet No. 36 of/van 1947 1: 04/03/2020		
	A water dispersible granule herbicide for the selective control of weeds in wheat in the winter rainfall region as indicated.		
	'n Waterdispergeerbare onkruidoder vir die beheer van onkruid in koring in die winterreënvalstreek soos aangedui.		
	<table border="1"> <tr> <td>HRAC HERBICIDE GROUP CODE</td> <td>B</td> <td>HRAC ONKRUIDODERGROEPCODE</td> </tr> </table>	HRAC HERBICIDE GROUP CODE	B
HRAC HERBICIDE GROUP CODE	B	HRAC ONKRUIDODERGROEPCODE	
ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL			
Sulfosulfuron (sulfonyl urea) 750 g/ kg Sulfosulfuron (sulfonielureum)			
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			
DIRECTIONS FOR USE ENCLOSED REFER TO DETAILS AS PRINTED ON CONTAINER / BAG Batch Number Date of manufacture	kg UN Number: 3077 CAUTION / VERSIGTIG		

WARNINGS

- Harmful if swallowed.
- Avoid skin and eye contact.
- Keep out of reach of children, animals and uninformed people.
- Store under lock and key in a cool (5 – 30 °C), dry, well-ventilated area away from food, feed, seed, fertilizers and other types of agricultural remedies.
- Do not spray over, or allow any spray drift to contaminate, water and adjacent areas.
- Comply with the instructions for use in order to avoid risks to man and the environment.
- Store in the original, tightly closed container away from sun and damp.
- **Re-entry:** Do not enter the treated area until the spray deposit has dried after treatment unless wearing protective clothing.
- **BromeX 750 WG** has been tested on the most important commercial cultivars. More susceptible cultivars may be released in the future which need to be tested; for this, apply **BromeX 750 WG** to a limited test area before commercial applications are made.

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

- Avoid contact by mouth.
- Wear protective clothing (coveralls, face shield and impermeable gloves) while handling this product.
- Do not inhale fumes or spray mist.
- Do not smoke, eat or drink whilst handling this product or before washing hands and face and changing clothes.
- Avoid drift of spray onto other crops, grazing, rivers, dams and areas not under treatment.
- In case of eye contact, immediately flush with plenty of running water.
- Product must be stored sealed in the original product container.
- Clean all equipment thoroughly following use and dispose of the wash water where it will not pollute the environment or contaminate crops, grazing, rivers or dams (refer to **SPRAYER CLEAN OUT**).
- Keep children and animals away from stacked and waste material.

DISPOSAL

Container disposal: Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed to a drip. Rinse empty container three times with a volume of water equal to a minimum of 30% of that of the container. Destroy the empty container by perforation and do not use for any other purpose. The cap should be replaced and the empty container collected for recycling by an approved waste collection organisation for appropriate recycling. **DO NOT INCINERATE OR BURY THE EMPTY CONTAINER.**

Product disposal: Dispose of rinsate to the contents of the spray tank or where it will not contaminate crops, grazing, rivers, dams and boreholes. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

MODE OF ACTION

BromeX 750 WG is a branched chain amino acid synthesis inhibitor. It acts by inhibiting the biosynthesis of the essential amino acids valine and isoleucine, thereby stopping cell division and plant growth. Sulfosulfuron is a systemic herbicide, absorbed by the root system and / or leaf surface, and translocated to the symplast and apoplast.

USE RESTRICTIONS

- If the recommended dosage rate is exceeded, damage to the crop may occur.
- 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 **BromeX 750 WG** to crops under stress from drought, water logging, cold, pests and / or diseases, nutrient or lime deficiency or other factors which reduce plant growth.
- Cold, dry conditions may reduce efficacy or retard weed control.
- Do not apply to plants suffering from frost damage or any other stress.
- Do not mix **BromeX 750 WG** with fertilizer, nor spray **BromeX 750 WG** within 1 week before or after fertilizer application.
- Variable weed control and / or re-growth may occur when **BromeX 750 WG** is sprayed under one or more of the following conditions:
 - On light, sandy soils.
 - On stony soil surfaces.
 - On soils with a high organic matter content.
 - Where follow-up rain after application stays away.
 - Where there is a low Wheat plant population.
 - On combine straw and chaff residue lanes / rows of the previous season.
 - On dew covered leaves, leading to run-off.
- Users are cautioned against the possible development of resistance by certain weeds to this group of herbicides (sulfonyleurea). Contact the manufacturer or supplier for advice in this regard.

MINIMUM RE-CROPPING INTERVAL AND CROP ROTATION GUIDELINES

Crop	Months
Wheat	0
Crops other than Wheat	18

RESISTANCE WARNING

For resistance management, **BromeX 750 WG** is a group code B herbicide. Any weed population may contain individuals naturally resistant to **BromeX 750 WG** and other Group Code B herbicides. These resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **BromeX 750 WG** or any other group code B herbicide.

To delay herbicide resistance:

- Integrate tillage, other mechanical control methods or spraying of non-selective herbicides (Bounty 360 SL, Bazooka and Bounty 450 SL) during the fallow period or prior to planting, into weed control programs whenever practical, but not in a tank mix with **BromeX 750 WG**.
- Avoid exclusive repeated use of herbicides from the same herbicide Group Code. Alternate or tank mix with registered products from different herbicide Group Codes.
- Integrate other control methods (chemical, cultural, biological) into weed control programmes.
- Maintain herbicide-use records and documents for each field.

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

The presence of resistant weeds is difficult to detect prior to use and, therefore, neither the Registration Holder nor the Distributor can accept responsibility for any losses because of **BromeX 750 WG** not controlling resistant weeds. Do not apply **BromeX 750 WG** alone in situations where weed resistance has been confirmed. Sub-standard application of **BromeX 750 WG** will lead to inferior weed control and may assist in development of herbicide resistance. It is of the utmost importance to inspect treated areas at regular intervals to identify the occurrence of herbicide-resistant weeds timeously.

A local farm strategy for preventing and managing resistance should be adopted, Guidelines have been produced by the Herbicide Resistance Action Group (HRAC) and copies are available from HRAC, your distributor or agents, independent crop advisor or Meridian Agritech.

DIRECTIONS FOR USE

Use only as directed.

General

- A pre-plant spray of Bounty 360 SL, Bazooka or Bounty 450 SL at the recommended rate to control emerged weeds and volunteer cereals is advisable prior to planting Wheat.
- **BromeX 750 WG** is a selective, foliar applied, herbicide that inhibits the formation of amino acids that are essential for cell division. Therefore, symptoms and subsequent weed death may develop gradually. Susceptible weeds will not compete with the crop once sprayed and before death.
- A suitable surfactant must be added to the spray water before adding the **BromeX 750 WG**.

- The spray solution must be sprayed out immediately after mixing.
- Do not allow the spray mixture to stand overnight.

COMPATIBILITY

The compatibility of **BromeX 750 WG** 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. Do not mix with any products not listed in this label.

When using other products in combination with **BromeX 750 WG**, always consult the labels of those products regarding directions and restrictions for their application and crop rotation recommendations.

Consult a Meridian Agritech representative for details.

SOIL TYPE

BromeX 750 WG is a systemic, foliar applied, herbicide with a limited residual effect in the soil applied to susceptible weeds at the recommended rates. The use of **BromeX 750 WG** on soils with a pH of over 7.0 and / or with free lime is not recommended due to the possibility that the residual effect can be extended, and thus the withdrawal period for other rotation crops will be extended.

MIXING INSTRUCTIONS

Fill the spray tank with suitable water to $\frac{3}{4}$ of the desired volume, then add the required amount of suitable surfactant to the water in the tank while agitating. Then add the required quantity of **BromeX 750 WG**, add the required quantity of complementary herbicide. Fill the spray tank to the desired volume. Should tank mixtures with other herbicides be made, follow the respective manufacturers' label recommendations.

Ensure constant and thorough agitation during mixing and spray operations.

APPLICATION METHODS

Optimum weed control with **BromeX 750 WG** is ensured by applying 150 – 300 ℓ water / ha with a tractor mounted boom sprayer.

GROUND APPLICATION:

BromeX 750 WG can be sprayed with a tractor mounted boom sprayer calibrated to spray 75 – 300 ℓ water / ha. Ensure that the equipment is cleaned before and after spraying, and is correctly calibrated to give the desired dosage rate. Apply at a constant speed and pressure to ensure even distribution. Prevent spray overlapping at application and over application.

AERIAL APPLICATION:

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

Equipment

- Use suitable atomising equipment 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 60-75% of the wingspan to prevent droplets from entering the wingtip vortices.

Application Parameters

- A minimum volume of 30 - 40 ℓ spray mixture per ha is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy nor be held responsible for any adverse effects if this product is applied aerially at a lower volume rate than recommended.
- A droplet coverage of 30 – 40 droplets per square cm must be recovered at the target.
- A droplet spectrum with a VMD of 300 – 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.

Meteorological Conditions

- The difference between the wet and dry bulb readings, as determined using a whirling hygrometer, must not exceed 8 °C.
- Do not spray under turbulent, unstable conditions or 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) and/or high humidity conditions as this may cause:
 - Reduced efficacy due to suspension and evaporation of small droplets in the air (Which leads to inadequate coverage).
 - Damage to other sensitive crops and/or non-target areas through drifting of the spray cloud away from the targeted 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 and that the relevant data will be compiled in a logbook and kept for future reference.

SPRAYER CLEAN-OUT

It is essential to rinse the spray tank and all spray equipment with a 0.1% solution of calcium chloride or ammonium hydroxide. Allow this solution to stand in the spray equipment for at least 15 minutes; empty the spray equipment; repeat the rinsing with a 0.1% solution of calcium chloride or ammonium hydroxide for 15 minutes; rinse all equipment with water. Nozzles and filters must be cleaned individually. All rinse water and solution should be drained where it will not contaminate any water source.

RECOMMENDATIONS (WINTER RAINFALL REGION ONLY)

WHEAT: PRE-EMERGENCE APPLICATIONS

Pre-emergence applications should be incorporated into the soil.

40 g / ha BromeX 750 WG + 200 mL – 400 mL / ha DIFFLAN + 3 L / ha BRAWLER

Weeds Controlled	
Scientific name	Common name
<i>Raphanus raphanistrum</i>	Wild radish
<i>Anagallis arvensis</i>	Pimpernel
<i>Chenopodium album</i>	White goosefoot
<i>Polygonum aviculare</i>	Prostrate knotweed

40 g / ha BromeX 750 WG +30 g / ha DIVERT WG + 3 L / ha BRAWLER

Weeds Controlled	
Scientific name	Common name
<i>Bromus diandrus</i>	Ripgut brome grass
<i>Emex australis</i>	Spiny emex
<i>Cotula australis</i>	Brass buttons
<i>Lolium</i> spp.	Ryegrass
<i>Raphanus raphanistrum</i>	Wild radish
<i>Chenopodium album</i>	White goosefoot
<i>Anagallis arvensis</i>	Pimpernel
<i>Fumaria</i> sp.	Fumitory
<i>Emex australis</i> (65-90%)	Spiny emex

WHEAT:PRE-EMERGENCE FOLLOWED BY POST- EMERGENCE APPLICATIONS

Pre emergence: **20 g / ha BromeX 750 WG + 30 g / ha DIVERT 75 WG + 3 ℓ / ha BRAWLER** followed Post-emergence by **20 g / ha BromeX 750 WG**

Weeds Controlled	
Scientific name	Common name
<i>Bromus diandrus</i>	Ripgut brome grass
<i>Emex australis</i>	Spiny emex
<i>Cotula australis</i>	Brass buttons
<i>Lolium</i> spp.	Ryegrass
<i>Raphanus raphanistrum</i>	Wild radish
<i>Chenopodium album</i>	White goosefoot
<i>Anagallis arvensis</i>	Pimpernel
<i>Fumaria</i> sp.	Fumitory
<i>Emex australis</i> (65-90%)	Spiny emex

Weed growth stage: The 2nd application of **BromeX 750 WG** must be applied at the 2-leaf stage of the *Bromus diandrus* seedlings.

WHEAT: POST-EMERGENCE APPLICATIONS

Apply **BromeX 750 WG** when weeds are in the 1 – 4 leaf stage. In the case of a split application, the 1st 20 g of **BromeX 750 WG** should be applied before the 2-leaf stage of the weeds, and the 2nd 20 g should be applied within 2-3 weeks thereafter.

40 g / ha BromeX 750 WG OR 20 g/ ha BromeX 750 WG followed by **2 – 3 WEEKS** later with **20 g/ ha BromeX 750 WG**

Weeds Controlled	
Scientific name	Common name
<i>Avena fatua</i> *	Common wild oats
<i>Bromus diandrus</i>	Ripgut brome grass
<i>Bromus pectinatus</i>	Japanese brome
<i>Ceniza turbinata</i>	Mayweed
<i>Hordeum murinum</i>	Wild barley
<i>Polygonum aviculare</i>	Prostrate knotweed

*On certain *Avena fatua* biotypes, variable or no control may occur due to sulfosulfuron resistance.

30 g – 40 g / ha BromeX 750 WG

Weeds Controlled	
Scientific name	Common name
<i>Anagallis arvensis</i>	Pimpernel
<i>Medicago polymorpha</i>	Bur clover
<i>Phalaris minor</i>	Canary grass
<i>Raphanus raphanistrum</i> **	Wild radish

Where SU-resistant wild radish occurs, a tank mix with 2.2 ℓ / ha **MCPA 750 DMAX or 50 ml / ha **FLICK-FLACK** is recommended.

40 g / ha BromeX 750 WG + 500 ml / ha BROMOXY EC

Weeds controlled are as listed above for 30 g – 40 g / ha **BromeX 750 WG** as well as:

Weeds Controlled	
Scientific name	Common name
<i>Arctotheca calendula</i>	Cape marigold
<i>Emex australis</i>	Spiny emex

40 g / ha BromeX 750 WG + 50 mℓ / ha FLICK-FLACK

Weeds controlled are as listed above for 30 g – 40 g / ha **BromeX 750 WG** as well as:

Weeds Controlled	
Scientific name	Common name
<i>Arctotheca calendula</i>	Cape marigold
<i>Emex australis</i>	Spiny emex
<i>Erodium moschatum</i>	Musk heron's bill
<i>Fumaria</i> sp.	Fumaria
<i>Malva parviflora</i>	Small mallow
<i>Medicago</i> sp.	Bur clover
<i>Polygonum aviculare</i>	Prostrate knotweed
<i>Raphanus raphanistrum</i>	Wild radish

NOTE

Volunteer Cederberg and Potberg oats will not be adequately controlled by **BromeX 750 WG** applications. To control these weeds, other herbicides in tank mixes should be used according to their label recommendations.

The recommended **BromeX 750 WG** treatments control the above-mentioned weed species as described. Other weed species that were not present in the development trials of this product may also be controlled to a certain degree. The registration holder accepts no responsibility for unlisted weeds.

ACKNOWLEDGEMENT OF TRADEMARKS

Bazooka	(L 10718)	Meridian Agrochemical Company (Pty) Ltd
Brawler	(L 10190)	Meridian Agrochemical Company (Pty) Ltd
Bromoxyc EC	(L 9115)	Meridian Agrochemical Company (Pty) Ltd
Bounty 450 SL	(L10698)	Meridian Agrochemical Company (Pty) Ltd
Diffan	(L 8313)	Meridian Agrochemical Company (Pty) Ltd
Divert 75 WG	(L 8132)	Meridian Agrochemical Company (Pty) Ltd
Flick-Flack	(L 10154)	Meridian Agrochemical Company (Pty) Ltd
MCPA 750 DMAX	(L 9020)	Meridian Agrochemical Company (Pty) Ltd

WAARSKUWINGS

- Skadelik indien ingesluk word.
- Vermoedlike oogkontak.
- Hou buite bereik van kinders, diere en oningeligte persone.
- Bêre agter slot-en-grendel in 'n koel (5 – 30 °C), droë, goed-geventileerde area, weg van voedsel, voer, saad, kunsmis en ander tipes landbouprodukte.
- Moenie oor water of aangrensende gebiede spuit, of toelaat dat wegdrywing van spuitnewel dit besoedel nie.
- Daar moet aan die gebruiksaanwysings voldoen word om risiko teen mens en omgewing te vermy.
- Bêre in die oorspronklike, digsluitende houër, weg van sonlig en vogtigheid.
- **Herbetreding:** Moenie behandelde gebied betree alvorens die spuitneerslag droog is nie, tensy beskermende oorklere gedra word.
- **BromeX 750 WG** is sonder enige fitotoksisiteitskade op die mees belangrikste kommersiële kultivars getoets. Meer sensitiewe kultivars mag in die toekoms vrygestel word wat eers getoets moet word; hiervoor moet **BromeX 750 WG** eers op 'n klein toetsoppervlakte aangewend word, alvorens groot kommersiële bespuitings gemaak word.

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

PRECAUTIONS

- In die geval van toevallige vel- of oogkontak was onmiddellik met genoegsame skoon water.
- Vermoedlike kontak met mond.
- Dra beskermende klere (oorpak, gesigmasker en ondeurdringbare handskoene) terwyl die produk hanteer word.
- Moenie dampe of spuitnewel inasem nie.
- Moenie rook, eet of drink tydens vermenging of toediening van die produk of voordat hande en gesig gewas is en skoon klere aangetrek is nie.
- Vermoedlike wegdrywing van spuitnewel na ander gewasse, weiding, riviere, damme en gebiede wat nie behandel moet word nie.
- In geval van oogkontak, spoel onmiddellik met genoegsame lopende water.
- Bêre die produk geseël in die oorspronklike produkhouer.
- Maak toedieningsapparaat voor en na gebruik skoon. Uitspoelwater moet nie die omgewing, gewasse, weidings, riviere of damme besoedel nie (verwys na **SKOONMAAK VAN SPUITTOERUSTING**).
- Hou kinders en diere weg van opgestapelde houers en afvalmateriaal.

WEGDOENING

Keer die lêer houër om oor die spuittenk of mengbak en dreineer vir minstens 30 sekondes nadat die vloeï tot 'n gedrup verminder het. Spoel die houër daarna **drie keer** uit met 'n volume water gelykstaande aan 'n minimum van 30% van die inhoud van die houër. Vernietig lêer houers deur gate daarin te maak en moet dit vir geen ander doel gebruik nie. Die deksel moet teruggeplaas word en die lêer houër moet vir hergebruik deur 'n goedgekeurde afvalverwyderingsorganisasie vir toepaslike herwinning versamel word. **MOENIE DIE LÊER HOUER VERBRAND OF BEGRAWEN NIE.**

Wegdoen van produk: Gooi die spoelwater by die inhoud van die spuittenk of waar dit nie gewasse, weidings, riviere, damme en boorgate sal besoedel nie. Afval afkomstig van die gebruik van die produk mag op die perseel of by 'n goedgekeurde afvalverwyderingsaanleg mee weggedoen word.

METODE VAN WERKING

BromeX 750 WG is 'n vertakte ketting aminosuursintese-inhibeerder. Dit tree op as 'n inhibeerder van biosintese van die noodsaaklike aminosure, valien en isoleusien, deurdat dit seldeling en die groei van die plant stop. Sulfosulfuron is 'n sistemiese onkruidododer wat deur die wortelstelsel en/of die blaasoppervlakte geabsorbeer word, en na die simplast en apoplast getranslokeer word.

GEBRUIKSBEPERKINGS

- Indien die aanbevole dosis oorskry word, mag daar gewasskade voorkom.
- Moenie op enige gewas of situasie aanwend wat nie in die voorskrifetiket verskyn nie.
- Moenie 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.
- Moenie **BromeX 750 WG** op gewasse toedien wat onder stresstoestand soos droogte, versuiping, koue, peste en/of siektes, voedings- of kalktekorte of enige ander faktore wat die groei van die plant kan belemmer nie.
- Koue, droë toestande mag die effektiwiteit verlaag of verswakke onkruidbeheer veroorsaak.
- Moenie op plante toedien wat rypskade het of aan enige ander stresstoestand ly nie.
- Moenie **BromeX 750 WG** met kunsmis meng of **BromeX 750 WG** binne 1 week voor of na 'n kunsmistoediening spuit nie.
- Wisselvallige onkruidbeheer en/of hergroei mag plaasvind wanneer **BromeX 750 WG** onder een of meer van die volgende toestande toegedien word:
 - Op ligte sanderige gronde.
 - Op klipperige grondoppervlaktes.
 - Op gronde met 'n hoë organiese materiaalinhoud.
 - Waar opvolgreën na 'n toediening wegbly.
 - Waar die koringstand laag is.
 - Op stroperstrooi en kafbane/-rye van die vorige seisoen.
 - Op doubedekte blare, wat tot afloop lan lei.
- Gebruikers word gewaarsku teen die moontlike ontstaan van weerstand by sekere onkruid teen hierdie onkruiddodergroep (sulfonielureums). Kontak die vervaardiger of verspreider vir raad hieroor.

MINIMUM HERPLANT-INTERVALLE EN GEWASWISSELBOU-RIGLYNE

Gewas	Maande
Koring	0
Ander gewasse	18

WEERSTANDSWAARSKUWING

Vir weerstandsbestuur is **BromeX 750 WG** 'n groepkode B onkruiddoder. Enige onkruidpopulasie mag individue insluit wat 'n natuurlike weerstand teen **BromeX 750 WG** of enige ander groepkode B onkruiddoder het. Die weerstandbiedende individue kan uiteindelik die onkruidpopulasie oorheers indien hierdie onkruiddoders herhaaldelik gebruik word. Hierdie weerstandbiedende onkruid sal waarskynlik nie deur **BromeX 750 WG** of enige ander groepkode B onkruiddoder beheer word nie.

Om weerstand teen onkruiddoders te vertraag:

- Integreer bewerking, ander meganiese beheermaatreëls of die toediening van nie-selektiewe onkruiddoders (Bounty 360 SL, Bazooka en Bounty 450 SL) gedurende die braakperiode of tyd net voor plant in onkruidbeheerprogramme, indien prakties moontlik, maar nie in 'n tenkmengsel met **BromeX 750 WG** nie.
- Vermoed die eksklusiewe herhaaldelike gebruik van onkruiddoders met dieselfde groepkode. Wissel af met, of gebruik tenkmengsels van, produkte in verskillende onkruiddodergroepkodes.
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in onkruidbeheer- programme.
- Hou onkruiddodergebruik-rekords van elke kamp.

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

Dit is moeilik om die teenwoordigheid van weerstandbiedende onkruid voor gebruik te bepaal en daarom kan nog die Registrasiehouer nog die Verspreider verantwoordelikheid aanvaar vir verliese a.g.v. **BromeX 750 WG** wat nie die weerstandbiedende onkruid beheer nie. Moenie **BromeX 750 WG** op sy eie toedien in situasies waar onkruidweerstand bevestig is nie. Sub-standaard toedienings van **BromeX 750 WG** sal tot verswakke onkruidbeheer lei en mag tot die ontwikkeling van onkruiddoder weerstandigheid bydra. Dit is uiters belangrik om die behandelde gebiede noukeurig te ondersoek om te verseker dat onkruiddoder weerstandige onkruid betyds geïdentifiseer word.

'n Plaaslike plaasstrategie vir die voorkoming en bestuur van weerstand moet aangeneem word. Riglyne is deur die "Herbicide Resistance Action Group (HRAC)" opgestel en kopieë daarvan is by HRAC, jou verspreider of agent, onafhanklike gewasadviseur of by Meridian Agritech beskikbaar.

GEBRUIKSAANWYSINGS

Gebruik slegs soos aangedui.

Algemeen

- 'n Voorplant-bespuiting van Bounty 360 SL, Bazooka of Bounty 450 SL teen die aanbevole dosis vir die beheer van ontkiemde onkruid en opslaggraan is raadsaam voor die plant van koring.
- **BromeX 750 WG** is 'n selektiewe, blaartoegediende onkruidodder wat die vorming van aminosure inhibeer wat nodig is vir seldeling. Daarom sal simptome en gevolglike afsterwing van die onkruid geleidelik plaasvind. Sodra vatbare onkruid gespuit is en voor afsterwe sal dit nie meer in kompetisie met die gewas wees nie.
- 'n Geskikte byvoegmiddel moet by die spuitwater gevoeg word voordat die **BromeX 750 WG** bygevoeg word.
- Die spuitoplossing moet onmiddellik na vermenging uitgespuit word.
- Die spuitmengsel moet nie oornag in die tenk oorstaan nie.

VERENIGBAARHEID

Die verenigbaarheid van **BromeX 750 WG** met ander produkte sal van die formulerings van die onderskeie produkte afhang, asook van die kwaliteit van die verdunningswater wat gebruik word. Soos formulerings van tyd tot tyd verander, is dit raadsaam om eers 'n fisiese verenigbaarheidstoets te doen, voordat tenkmengsels gemaak word. Moenie met enige ander produkte wat nie op hierdie etiket verskyn meng nie.

Wanneer ander produkte in kombinasie met **BromeX 750 WG** gebruik word, moet die etikette van daardie produkte geraadpleeg word rakende die aanwysings en beperkings van hul toediening en die gewasrotasie aanbevelings.

Nader 'n Meridian Agritech verteenwoordiger vir meer besonderhede.

GRONDTIPE

BromeX 750 WG is 'n sistemiese, blaartoegediende onkruidodder met 'n beperkte nawerking in die grond indien op vatbare onkruid teen die aanbevole dosisse toegedien word. Die toediening van **BromeX 750 WG** op gronde met 'n pH van meer as 7.0 en/of met vrye kalk word nie aanbeveel nie, want die moontlikheid van 'n verlengde nawerking bestaan, wat die onthoudingsperiode van ander wisselbou-gewasse sal verleng.

MENGINSTRUKSIES

Maak die spuitenk met geskikte water tot driekwart van die verlangde hoeveelheid water vol en voeg dan die hoeveelheid geskikte byvoegmiddel by die water in die spuitenk terwyl roering plaasvind. Voeg die verlangde hoeveelheid **BromeX 750 WG** by en voeg die verlangde hoeveelheid komplimentêrende onkruidodder by. Maak die spuitenk vol tot by verlangde volume. Indien tenkmengsels met ander onkruidodders gemaak word, moet die onderskeie vervaardigers se etiketaanbevelings gevolg word.

Verseker konstante en deeglike roering gedurende die vermenging- en spuitproses.

TOEDIENINGSMETODES

Optimale onkruidbeheer met **BromeX 750 WG** word verseker deur 150 – 300 ℓ water/ha wat met 'n trekkegermonteerde spuitbalk toegedien word.

GRONDTOEDIENING:

BromeX 750 WG kan met 'n trekkegermonteerde spuitbalk toegedien word wat gekalibreer is om 75 – 300 ℓ water/ha te lewer. Verseker dat die toerusting voor en na toediening skoongemaak word en korrek gekalibreer is om die verlangde dosis te lewer. Dien teen 'n konstante spoed en druk toe om egalige verspreiding te verseker. Verhoed dat spuitbane oorvleuel asook oortoediening.

LUGTOEDIENING

Lugtoediening mag slegs deur 'n geregistreerde lugbespuitingsoperateur met 'n korrek gekalibreerde, geregistreerde vliegtuig volgens die instruksies van SANS Kode 10118 (Aerial Application of Agricultural Remedies) 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 belangrik om aan die volgende vereistes te voldoen:

Toerusting

- Gebruik geskikte atomiseringsapparaat wat die vereiste druppelgrootte en bedekking sal produseer, maar wat die minste verlies van produk deur wegdrywing sal verseker.

- Die operateur moet 'n spuitkopstelsel opstel wat 'n druppelspektrum met die kleinste moontlike relatiewe spanwydte sal produseer.
- Al die spuitkoppe en atomiseerders moet in die binneste 60 - 75% van die vlerkspan geplaas word om te verhoed dat die druppels binne-in die vlerkvorteks inbeweeg.

Toedieningsparameters

- 'n Minimum volume van 30-40 ℓ spuitmengsel per hektaar 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 effek indien hierdie produk teen 'n laer volume as hierbo aanbeveel, uit die lug toegedien word nie.
- 'n Druppelbedekking van 30-40 druppels per vierkante cm moet op die teikenarea herwin word.
- 'n Druppelspektrum met 'n VMD van 300-400 mikron word aanbeveel. Verseker dat die produksie van fyn druppels, kleiner as 150 mikron, tot 'n minimum beperk word.
- Die hoogte van die spuitbalk moet tussen 3 en 4 meter bokant die teiken gehandhaaf word.
- Moenie spuit wanneer die vliegtuig besig is om te klim, te draai, te duik, of terwyl dit uitklim nie.

Meteorologiese Toestande

- Die verskil tussen die nat- en droëbollesing, soos met 'n swaaihygrometer bepaal, moet nie 8°C oorskry nie.
- Moenie tydens turbulente, onstabiele toestande, of gedurende die hitte van die dag wanneer stygende en dalende konveksie-windbewegings plaasvind, toedien nie.
- Moenie spuit wanneer die windspoed 15 km per uur oorskry nie.
- Moenie tydens temperatuur-inversie-toestande (deur bokant of binne-in die inversielaag te spuit) en/of gedurende humiditeitstoestande (relatiewe humiditeit bokant 80%) toedien nie, aangesien dit kan lei tot:
 - iii. Verlaagde effektiwiteit a.g.v. suspensie of verdamping van klein druppels in die lug (wat tot onvoldoende bedekking op teikenarea lei).
 - iv. Skade aan ander sensitiewe gewasse en/of nie-teikenareas deur wegdrywing van die spuitwolk vanaf die teikenarea.
- Moenie spuit wanneer die windspoed 15 km per uur oorskry nie.

Algemeen

- Verseker dat die lande akkuraat gemerk is en dat die spuitoperateur presies weet watter lande gespuit moet word.
- Verkry die versekering van die spuitoperateur dat aan die bogenoemde vereistes voldoen sal word en dat die toepaslike data in 'n logboek vir latere verwysing opgeteken sal word.

SKOONMAAK VAN SPUITTOERUSTING

Dit is noodsaaklik om die spuittenk en alle spuittoerusting met 'n 0.1% kalsiumchloried- of ammoniumhidroksiedoplossing uit te spoel. Laat hierdie oplossing vir ten minste 15 minute in die spuittoerusting staan; ledig die spuittoerusting; herhaal die spoel met 'n 0.1% oplossing van kalsiumchloried of ammoniumhidroksied vir 15 minute; spoel alle toerusting met water. Spuitkoppe en filters moet individueel skoongemaak word. Alle spoelwater en oplossings moet gedreineer word waar dit nie enige waterbron sal besoedel nie.

AANBEVELINGS (SLEGS WINTERREËNVALSTREEK)

KORING: VOOROPKOMS-TOEDIENING

Vooropkoms-toedienings moet in die grond ingewerk word.

40 g/ha BromeX 750 WG + 200 mℓ – 400 mℓ/ha DIFFLAN + 3 ℓ/ha BRAWLER

Onkruide beheer	
Wetenskaplike naam	Gewone naam
<i>Raphanus raphanistrum</i>	Ramenas
<i>Anagallis arvensis</i>	Pimpernel (Blouselblommetjie)
<i>Chenopodium album</i>	Withondebossie
<i>Polygonum aviculare</i>	Voëlduisendknoop

40 g/ha BromeX 750 WG + 30 g/ha DIVERT WG + 3 ℓ/ha BRAWLER

Onkruid beheer	
Wetenskaplike naam	Gewone naam
<i>Bromus diandrus</i>	Predikantsluis
<i>Emex australis</i>	Kaapse dubbeltjie
<i>Cotula australis</i>	Cotula
<i>Lolium</i> spp.	Raaigras
<i>Raphanus raphanistrum</i>	Ramenas
<i>Chenopodium album</i>	Withondebossie
<i>Anagallis arvensis</i>	Pimpernel (Blouselblommetjie)
<i>Fumaria</i> sp.	Duiwekerwel
<i>Emex australis</i> (65-90%)	Kaapse dubbeltjie

KORING: VOOROPKOMS OPGEVOLG MET NA-OPKOMS TOEDIENING.

Vooropkoms: **20g/ha BromeX 750 WG + 30 g/ha DIVERT 75 WG + 3 ℓ/ha BRAWLER** opgevolg met **20 g/ha BromeX 750 WG** na-opkoms.

Onkruid beheer	
Wetenskaplike naam	Gewone naam
<i>Bromus diandrus</i>	Predikantsluis
<i>Emex australis</i>	Kaapse dubbeltjie
<i>Cotula australis</i>	Cotula
<i>Lolium</i> spp.	Raaigras
<i>Raphanus raphanistrum</i>	Ramenas
<i>Chenopodium album</i>	Withondebossie
<i>Anagallis arvensis</i>	Pimpernel (Blouselblommetjie)
<i>Fumaria</i> sp.	Duiwekerwel
<i>Emex australis</i> (65-90%)	Kaapse dubbeltjie

Groeistadium van onkruid: Die 2de toediening van **BromeX 750 WG** moet by die 2-blaarstadium van die *Bromus diandrus* saailinge toegedien word.

KORING: NA-OPKOMS TOEDIENING

Dien **BromeX 750 WG** toe wanneer die onkruid in die 1–4 blaarstadium is. By splittoedienings moet die 1ste 20g **BromeX 750 WG** voor die 2-blaarstadium van die onkruid en die 2de 20g, 2-3 weke daarna, toegedien word.

40 g/ha BromeX 750 WG of **20 g/ha BromeX 750 WG** opgevolg **2 – 3 WEKE** later met **20g/ha BromeX 750 WG**

Onkruid beheer	
Wetenskaplike naam	Gewone naam
<i>Avena fatua</i> *	Gewone wildehawer
<i>Bromus diandrus</i>	Predikantsluis
<i>Bromus pectinatus</i>	Japannese brome
<i>Ceniza turbinata</i>	Ganskos
<i>Hordeum murinum</i>	Wildegars
<i>Polygonum aviculare</i>	Voëlduisendknoop

*Op seker *Avena fatua*-biotipes mag wisselvallige of geen beheer a.g.v. sulfosulfuron weerstandbiedendheid voorkom.

30g – 40g/ha BromeX 750 WG

Onkruid beheer	
Wetenskaplike naam	Gewone naam
<i>Anagallis arvensis</i>	Pimpernel (Blouselblommetjie)
<i>Medicago polymorpha</i>	Klitsklawer
<i>Phalaris minor</i>	Kleinsaad kanariegras
<i>Raphanus raphanistrum</i> **	Ramenas

Waar daar SU-weerstandige ramenas voorkom, word 'n tenkmengsel met 2.2 l/ha **MCPA 750 DMAX of 50 ml/ha **FLICK-FLACK** aanbeveel.

40 g/ha BromeX 750 WG + 500 ml/ha BROMOXY EC

Onkruid wat hier beheer word is soos hierbo gelys by 30g – 40g/ha **BromeX 750 WG**, asook:

Onkruid beheer	
Wetenskaplike naam	Gewone naam
<i>Arctotheca calendula</i>	Soetgousblom
<i>Emex australis</i>	Kaapse dubbeltjie

40 g/ha BromeX 750 WG + 50 ml/ha FLICK-FLACK

Onkruid wat hier beheer word is soos hierbo gelys by 30g – 40g/ha **BromeX 750 WG**, asook:

Onkruid beheer	
Wetenskaplike naam	Gewone naam
<i>Arctotheca calendula</i>	Soetgousblom
<i>Emex australis</i>	Kaapse dubbeltjie
<i>Erodium moschatum</i>	Turknael
<i>Fumaria</i> sp.	Duiwekerwel
<i>Malva parviflora</i>	Kiesieblaar
<i>Medicago</i> sp.	Klitsklawer
<i>Polygonum aviculare</i>	Voëlduisendknoop
<i>Raphanus raphanistrum</i>	Ramenas

NOTA

Opslag Cederberg- en Potberghawer sal nie voldoende deur **BromeX 750 WG** toedienings beheer word nie. Om hierdie onkruid te beheer, moet ander onkruidodders in tenkmengsels volgens hul etiketvoorskrifte gebruik word.

Die aanbevole **BromeX 750 WG** behandelings beheer die bogenoemde onkruidspesies. Sekere onkruid wat nie in die ontwikkelingsproewe van die produk teenwoordig was nie, mag dalk ook in 'n mate beheer word. Die registrasiehouer aanvaar geen verantwoordelikheid vir onkruid wat nie gelys is nie.

ERKENNING VAN HANDELSNAME

Bazooka	(L 10718)	Meridian Agrochemical Company (Edms.) Bpk.
Brawler	(L 10190)	Meridian Agrochemical Company (Edms.) Bpk.
Bromox EC	(L 9115)	Meridian Agrochemical Company (Edms.) Bpk.
Bounty 450 SL	(L10698)	Meridian Agrochemical Company (Edms.) Bpk.
Diffan	(L 8313)	Meridian Agrochemical Company (Edms.) Bpk.
Divert 75 WG	(L 8132)	Meridian Agrochemical Company (Edms.) Bpk.
Flick-Flack	(L 10154)	Meridian Agrochemical Company (Edms.) Bpk.
MCPA 750 DMAX	(L 9020)	Meridian Agrochemical Company (Edms.) Bpk.