



MAKHTESHIM-AGAN SA (PTY) LTD

BROMOTRIL[®] P 500 SC

Reg No L 7019 Act / Wet 36 / 1947

A selective suspension concentrate contact herbicide for the post-emergence control of certain broadleaf weeds in wheat, barley, oats, maize, grain sorghum and established lucerne.

GROUP C₃ HERBICIDE

ACTIVE INGREDIENT:

bromoxynil (nitrile)
as the free phenolic form

500 g / ℓ

‘n Selektiewe suspensiekonsentraat kontakonkruidodder vir die na-opkombeheer van breëblaaronkruid in koring, gars, hawer, mielies, graansorghum en gevestigde lusern.

GROEP C₃ ONKRUIDDODER

AKTIEWE BESTANDEEL:

bromoksinil (nitriël)
as die vry fenoliese vorm

NET VOLUME / NETTO VOLUME

.....ℓ

REGISTRATION HOLDER / REGISTRASIEHOUER:

Makhteshim-Agan SA (Pty) LTD

Reg. No. 92/01741/07

21 Viben Street

Brackenfell

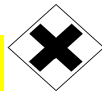
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Tel. (021) 982 1460

Batch number
Date of manufacture

Lotnommer
Datum van vervaardiging

BROMOTRIL[®] is the registered trade mark of Makhteshim-Agan, Israel
BROMOTRIL[®] is die geregistreerde handelsmerk van Makhteshim-Agan, Israel



**HARMFUL
SKADELIK**



CLASS II

Yellow colour band

WARNINGS:

- Allow a withholding period of 40 days between last application and harvest, grazing or feeding
 - Do not enter treated field within 1 day after application unless wearing protective clothing.
 - Handle with care.
 - Harmful if swallowed, inhaled or absorbed through the skin.
 - Moderately irritating to eyes and skin.
 - Toxic to fish and other aquatic organisms.
 - Store away from food, feed, drinking water and other agricultural chemicals.
 - Keep out of reach of children, uninformed persons and animals.
- **In case of poisoning summon a physician and show this label to him.**

Although this remedy has been extensively 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 the dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of 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 failure of the user to follow label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS:

- Do not eat, drink or smoke whilst handling the product.
- Prevent contamination of food, feed, drinking water and eating utensils.
- Wear rubber gloves and face shield when handling the concentrate. If it has contact with the eyes, wash eyes immediately. If you get it on your skin, wash it off at once. If it comes into contact with your clothes, take it off immediately and wash it.
- Invert the empty container over the spray or mixing tank and 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 rinse water to the contents of the spray tank before destroying the empty container.
- Avoid contact with the spray mixture as far as possible during application.
- Avoid spray drift onto other crops, grazing, rivers or dams.
- Clean applicator thoroughly after use and dispose of wash water where it will not contaminate crops, grazing, rivers or dams.
- Destroy the empty container and do not re-use for any other purpose.
- Take off working clothes and wash them. Wash yourself.

Symptoms of human poisoning:

Excessive sweating, fever and excitation. Is moderately irritating to the eyes and skin.

First aid and medical treatment:

Eye contamination: Wash out with a steady flow of running water for 10 – 15 minutes with the eyelid held wide open.

Ingestion: Wash out mouth with plenty of water. Get medical attention.

Note to physician: There is no specific antidote. Treat symptomatically and give supportive therapy.

DIRECTIONS FOR USE: Use only as indicated

- Do not apply **BROMOTRIL® P 500 SC** to weeds that have been or is subjected to moisture or any other stress condition. Apply only during conditions which enhance active weed growth.
- Since **BROMOTRIL® P 500 SC** is a contact herbicide, thorough wetting of weed foliage is essential.
- Only weeds present at time of application will be controlled and not those which will germinate after application.
- The weeds must not be beyond the 6-leaf stage at the time of application.
- Leaf scorching may occur in wheat and barley after application, but will not detrimentally affect the yield.
- Only use the higher recommended rate for aerial application.

Compatibility:

BROMOTRIL® P 500 SC is compatible with **MCPA**. Consult the supplier in the event of any uncertainty regarding compatibility.

Mixing instructions:

Half fill the spray tank with clean water. Mix the required volume of **BROMOTRIL® P 500 SC** separately in a small volume of water and add to the spray tank while agitating. Fill the tank with water. It is important to note that continuous agitation is essential during mixing and application.

Ground application:

Ground application should be done with a conventional tractor mounted boomspray fitted with an efficient agitation mechanism which is capable to deliver an even distribution of the spray mixture over the target area. To ensure a thorough full cover spray of the weeds, flat fan nozzles should be used which, at a pressure of 200 – 300 kPa, should deliver 250 – 400 ℓ spray mixture / ha.

Application rates:

CROP	DOSAGE (ℓ / ha)	REMARKS
Wheat, Barley and Oats	0,85 – 1,1 ℓ	The cereal seedlings should be between the 3- leaf and the end of booting stage. Do not apply before the 3 – leaf stage and from the beginning of the tillering stage onwards. Use the lower rate on young actively growing weeds. When the weeds are reaching the 6 – leaf stage and when growth is slowed down, the higher rate should be used. Also use the higher rate for aerial application
	0,85 ℓ plus 0,5 – 1,0 ℓ MCPA	Apply as ground or aerial application. Use the higher rate of MCPA in the Eastern Freestate when <i>Polygonum aviculare</i> is a problem. When MCPA is added, application to wheat must be made between growth stages 7 and 13 according to the list of growth stages issued by the Small Grain Institute in Bethlehem. Apply to barley when plants are in the 5 – 7 leaf stage. In the winter rainfall region when MCPA is added at 0,5 ℓ / ha, the mixture may be applied in small grains from the 3 – leaf stage of the crop. Apply tank mixtures between emergence and the 6 – leaf stage of the weeds.
Established Lucerne	1,25 – 1,70 ℓ	Apply after the Lucerne has been cut. Use the higher rate when the weeds stand in dense and / or dry conditions prevail. WARNINGS: Yellowing of Lucerne leaves may occur after application, but this is of a temporary nature and will disappear after a few days without affecting the crop.
Maize	0,850 – 1,25 ℓ	Apply as ground or aerial spray when the weeds are fully emerged, but not older than the 6-leaf stage (2-leaf stage for problem weeds as indicated) Do not apply to maize younger than the 4-leaf stage. Use higher dosage rate for aerial application.
	0,56 ℓ BROMOTRIL P 500 SC plus 1,0- 2,0 l ATRANEX 500 SC	Apply as a ground or aerial spray when the weeds are fully emerged, but older than the 6-leaf stage (3-leaf stage for problem weeds as indicated). The Atrazine rate should be in accordance with the degree of persistence desired. Do not apply in maize younger than the 4-leaf stage.
	0,85 ℓ BROMOTRIL P 500 SC plus 1,0 ℓ MCPA (potassium salt)	Apply as ground or aerial spray when the weeds are fully emerged, but not older than the 6-leaf stage. Can be applied at any stage of development of maize. If crops are taller than 40 cm, directed spraying is recommended so that better wetting of weeds is obtained. Do not apply under cold, wet conditions as this may result in damage to the crop.

Grainsorghum	0.56 ℓ BROMOTRIL P 500 SC plus 1,0 ℓ ATRANEX 500 SC	Follow the instructions for application in maize, but do not apply by air.
	0.850 BROMTORIL P 500 SC plus 1 ℓ MCPA (Potassium salt)	Follow the instructions for application in maize, but do not apply by air.

Important notes:

- Do not apply **BROMOTRIL® P 500 SC** when weeds are older than specified as this will result in poor weed control.
- The use of **BROMOTRIL® P 500 SC** in combination with a wetting agent is not advisable as this may lead to crop damage. If necessary, a suitable buffer may be added to the spray mixture.
- Avoid application when the weeds are covered with heavy dew or when the wind is blowing strongly .
- Ensure thorough coverage of weeds.
- Weeds which have not germinated at the time of application will not be controlled.
- Poor weed control may result if **BROMOTRIL® P 500 SC** is applied when the weeds are under moisture or other stress. Apply only during favourable climatic conditions when the weeds are actively growing.
- Under certain climatic conditions, **BROMOTRIL® P 500 SC** may cause some leaf scorch to grain crops. However, yields will not be affected.
- When **BROMOTRIL® P 500 SC** is mixed with any other product, the information on the label of that product must be carefully consulted and the instructions followed. Consult you representative before mixing **BROMOTRIL® P 500 SC** if there is any uncertainty.

This product controls some annual broadleaf weeds. Other broadleaf weeds that were not present during the development trials with the product, may possibly also be controlled to a certain degree. The registration holder does not accept any responsibility for unlisted weeds.

WAARSKUWINGS:

- Laat 'n onthoudingsperiode van 40 dae toe tussen laaste toediening en oes, voer of beweiding.
- Hanteer versigtig.
- Skadelik indien ingesluk, ingeasem of deur die vel geabsorbeer word.
- Matig irriterend vir oë en vel.
- Giftig vir visse en ander waterorganismes.
- Berg in 'n koel plek weg van voedsel, voer, drinkwater en ander lanbouchemiese middels.
- Hou buite bereik van kinders, oningeligte persone en diere.
- **In geval van vergiftiging ontbied 'n geneesheer en toon hierdie etiket aan hom.**

Alhoewel hierdie middel omvattend 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 beïnvloed kan word 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 van die onkruid teen die betrokke middel sowel as die metode, tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei, die omgewing of vir nadelige effek op mens of dier of vir 'n gebrek aan prestasie van die betrokke middel as gevolg van 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.

VOORSORGMAATREËLS:

- Moet nie eet, drink of rook terwyl die produk hanteer word nie.
- Vermy besoedeling van voedsel, voer, drinkwater en eetgerei.
- Dra rubberhandskoene en gesigskerms wanneer die konsentraat hanteer word. Indien dit in u oë kom, was dadelik uit. Indien dit op u vel kom, was dit dadelik af. Indien dit op u klere mors, trek dit dadelik uit en was dit.
- Keer die leë houer om oor die spuit- of mengtenk en dreineer vir minstens 30 sekondes nadat die vloeitot 'n gedrup verminder het. Spoel die houer daarna driekeer uit met 'n volume water gelykstaande aan 'n minimum van 10 % van die inhoud van die houer. Gooi die spoelwater by die inhoud van die spuittenk voordat die houer vernietig word.
- Vermy kontak met die spuitstof sover moontlik tydens toediening.
- Vermy oorwaai van die spuitnewel na ander gewasse, weiding, riviere of damme.
- Maak die toediener deeglik skoon na gebruik en gooi waswater waar dit nie gewasse, weiding, riviere of damme sal besoedel nie. Vernietig leë houer en moet dit vir geen ander doel gebruik nie.
- Trek werksklere uit en was dit. Was uself.

Simptome van menslike vergiftiging:

Oormatige sweet, koors en eksitasie. Is matig irriterend vir die oë en vel.

Noodhulp en mediese behandeling:

Oogbesoedeling: Hou ooglede oop en spoel oë vir 10 – 15 minute uit met 'n lopende stroom water.

Inname: Was mond met groot hoeveelhede water uit en neem persoon na 'n mediese praktisyn.

Mediese behandeling: Daar is geen spesifieke teenmiddel nie. Behandel simptome en gee ondersteunende terapie.

GEBRUIKSAANWYSINGS: Gebruik slegs soos aangedui.

- Moet nie **BROMOTRIL® P 500 SC** toedien as onkruid aan vog- of ander stremmingstoestande onderworpe was of is nie. Dien slegs toe onder toestande wat aktiewe onkruidgroei bevorder.
- Aangesien **BROMOTRIL® P 500 SC** 'n kontakonkruidkiller is, is dit noodsaaklik dat 'n deeglike bedekking van onkruid verkry word.
- Slegs breëblaaronkruid wat teenwoordig is tydens toediening sal beheer word en nie onkruid wat later ontkiem nie.
- Ten tye van toediening moet onkruid nie verder as die 6 – blaarstadium ontwikkel het nie.
- Blaarskroei mag in koring of gars voorkom na toediening maar dit sal nie die opbrengs nadelig beïnvloed nie.
- Gebruik slegs die hoër toedieningshoeveelheid vir lugtoediening.

Verenigbaarheid:

BROMOTRIL® P 500 SC is verenigbaar met **MCPA**. Raadpleeg die verskaffer in geval enige onsekerheid aangaande verenigbaarheid.

Menginstruksies:

Maak die spuitnek halfvol met skoon water. Meng die benodigde hoeveelheid **BROMOTRIL® P 500 SC** apart met 'n klein hoeveelheid water en voeg in die tenk terwyl geroer word. Vul die tenk met water. Dit is belangrik om daarop te let dat tydens vermenging en toediening roering van die spuitoplossing in die tenk deurlopend moet plaasvind.

Grondtoediening:

Grondtoediening moet geskied met 'n konvensionele trekgergemonteerde balkspuit wat toegerus is met 'n doeltreffende roermeganisme en wat in staat is om die spuitmengsel eweredig oor die teikenoppervlak te versprei. Om te verseker dat 'n goeie bedekking van die onkruid verkry word, moet van platwaaierspuitpunte gebruik gemaak word wat teen 'n druk van 200 – 300 kPa, 250 – 400 ℓ spuitmengsel / ha sal lewer.

Toedieningshoeveelhede:

GEWAS	DOSIS (ℓ / ha)	OPMERKINGS
Koring, Gars en Hawer	0,85 – 1,1 ℓ	Die graansaailinge moet tussen die 3- blaarstadium en die end van stoelstadium wees tydens toediening. Moet nie voor die 3-blaarstadium of na die begin van pypstadium toedien nie. Gebruik die laer dosis vir jong aktiefgroeiende onkruid. Gebruik die hoër dosis as die onkruid die 6-blaarstadium begin bereik of as die groeitempo begin afneem. Gebruik die hoër dosis vir lugtoediening.
Gevestigde lusern	1,25 – 1,70 ℓ	Dien toe nadat die lusern gesny is. Gebruik die hoër hoeveelheid wanneer die onkruid dig staan en / of onder droë toestande. WAARSKUWING: Vergelying van die lusernblare mag voorkom na toediening, maar dit is van verbygaande aard en sal na 'n paar dae verdwyn sonder om enige skade aan die gewas te berokken.
Mielies	0,850 – 1, 25 ℓ	Dien deur middel van grond- of lugbespuiting toe wanneer die onkruid volledig opgekom het, maar nie ouer as die 6-blaarstadium is nie (3-blaarstadium vir probleem onkruid soos aangedui) Moenie toedien op mielies jonger as die 4-blaarstadium nie. Gebruik die hoër dosis vir lugtoediening.
	0,56 ℓ BROMOTRIL P 500 SC plus 1,0 – 2,0 ℓ ATRANEX 500 SC	Dien deur middel van grond-of lugbespuiting toe wanneer die onkruid volledig opgekom het, maar nie ouer as die 6-blaarstadium is nie (3-blaarstadium vir probleem onkruid soos aangedui). Die atrasiendosis moet in ooreenstemming wees met die mate van nawerking wat verlang word. Moet nie toedien op mielies jonger as die 4-blaarstadium nie.
	0,85 ℓ BROMOTRIL P 500 SC plus 1,0 ℓ MCPA (Kaliumsout)	Dien deur middel van grond-of lugtoediening toe wanneer die onkruid volledig opgekom het, maar nie ouer as die 6-blaarstadium is nie. Kan in enige ontwikkelings stadium van die mielies toegedien word. Indien die gewas hoër as 40 cm is, word gerigte bespuiting aanbeveel om beter benutting van die onkruid te verseker. Vermyn toediening tydens koue, nat toestande aangesien gewasbeskadiging kan voorkom.

Graansorghum	0,56 l BROMOTRIL P 500 SC plus 1 – 2 l ATRANEX 500 SC	Volg die instruksies soos vir die toediening in mielies, maar moet nie deur middel van lugbespuiting toedien nie.
	0,85 l BROMOTRIL P 500 SC plus 1 l MCPA (Kaliumsout)	Volg die instruksies soos vir die toediening in mielies, maar moet nie deur middel van lugbespuiting toedien nie.

Belangrike notas:

- **BROMOTRIL® P 500 SC** moet nie op onkruid wat verder ontwikkel het as wat gespesifiseer is, toegedien word nie aangesien dit tot swak onkruidbeheer sal lei.
- Moet nie addisionele benattingsmiddels saam met **BROMOTRIL® P 500 SC** gebruik nie aangesien dit gewasskade mag veroorsaak. Indien nodig kan van 'n geskikte buffer gebruik gemaak word.
- Moet nie toedien wanneer onkruid swaar met dou bedek is of as die wind sterk waai nie.
- Verseker deeglike bedekking van onkruid.
- Onkruid wat nog nie ontkiem het tydens toediening nie, sal nie beheer word nie.
- Onkruid moet aktief groei tydens toediening. Indien onkruid onderhewig is aan vog-, temperatuur- of enige ander stremming tydens toediening, mag dit lei tot swak onkruidbeheer.
- Onder sekere klimaatstoestande mag **BROMOTRIL® P 500 SC** 'n mate van blaarskroei in kleingraan veroorsaak. Opbrengs sal egter nie hierdeur nadelig beïnvloed word nie.
- Wanneer **BROMOTRIL® P 500 SC** met enige ander produk gemeng word, moet die ander produk se etiket noukeurig gelees en die etiketaanwysings gevolg word. Raadpleeg die verskaffer van **BROMOTRIL® P 500 SC** in geval van enige onsekerheid.

BROMOTRIL® P 500 SC beheer sekere eenjarige breëblaaronkruid. Ander breëblaaronkruid wat nie tydens die ontwikkeling van die produk in proewe voorgekom het nie, kan ook moontlik in 'n mindere of meerdere mate beheer word. Die registrasiehouer aanvaar egter geen verantwoordelikheid t.o.v ongelyste onkruid nie.

**Onkruid wat normaalweg deur BROMOTRIL® P 500 SC beheer word:
Weeds which are normally controlled by BROMOTRIL® P 500 SC:**

Botaniese naam/Botanical name	Gewone naam	Common name
<i>Amaranthus hybridus</i>	Kaapse misbredie	Cape pigweed
<i>Arctotheca calendula</i>	Soetgousblom	Cape marigold
<i>Chenopodium album</i>	Withondebossie	White goosefoot
<i>Emex australis</i> **	Kaapse dubbeltjie	Spiny emex
<i>Galingsoga parviflora</i>	Knopkruid	Gallant soldier
<i>Melilotus indica</i>	Geelstinkklawer	Yellow sweet clover
<i>Polygonum aviculare</i> **	Voëlduisendknoop	Prostrate knotweed
<i>Raphanus raphanistrum</i> **	Ramenas	Wild radish
<i>Schkuhria pinnata</i>	Kleinkakiebos	Dwarf marigold
<i>Sonchus oleraceus</i>	Sydissel	Sow thistle
<i>Tribulus terrestris</i> **	Dubbeltjie	Dubbeltjie
<i>Xanthium strumarium</i>	Kankerroos	Cockle bur

** Slegs saadlob- tot 3-blaarstadium / Cotyledon to 3-leaf stage only.

Dien op *Tribulus terrestris* toe voordat die plantjies 'n deursnee van 25 mm oorskry.
Apply to *Tribulus terrestris* before the diameter of the seedlings exceeds 25 mm.