

BASF

We create chemistry

Basagran[®] 480 SL

Aqueous Solution
HERBICIDE (KIUAGUGU)

GUARANTEE (DHAMANA):

Bentazone 480 g/l

**COMMERCIAL AND AGRICULTURAL CLASS
(KUNDI LA KILIMO NA BIASHARA)**

GROUP (KUNDI)	C3	HERBICIDE (KIUAGUGU)
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A post-emergence Herbicide for the control of Broad leaf weeds in dry beans, maize and potato.

(Kiuagugu kinachotumika kuzuia magugu yenye matawi mapana kwenye maharagwe, viazi mvingingo na mahindi.)

Shelf life: Two years from the date of manufacture in tightly sealed original unopened container under cool and dry storage conditions.

(Maisha Rafuni: Miaka miwili kutoka tarehe ya kutengenezwa ikiwa katika chombo chake maalum isipofunguliwa na ikiwekwa katika pahali pakavu pasipo na joto jingine.)

In case of poisoning call Toll Free number 0800720021/0800730030 (24hrs).

(Wakati wa madhara piga nambari bila malipo 0800720021/0800730030 (Masaa 24).)

READ THE LABEL BEFORE USING (SOMA KIBANDIKO CHA MAELEZO KABLA YA KUTUMIA) WATOTO

REGISTRATION NO. (NAMBARI YA USAJILI): PCPB (CR) 0658

REGISTRANT / MANUFACTURER (MSAJILI / MITENGEZAJI):
BASF SE, GERMANY

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MANUFACTURING DATE: SEE ANOTHER PLACE ON THE LABEL OR PACKAGING (TAREHE YA KUTENGEZWA): (MAELEZO YAPO KWINGINE KWENYE KIBANDIKO HIKI)

BATCH NUMBER: SEE ANOTHER PLACE ON THE LABEL OR PACKAGING (NAMBARI YA FURUSHI): (MAELEZO YAPO KWINGINE KWENYE KIBANDIKO HIKI)

EXPIRY DATE: SEE ANOTHER PLACE ON THE LABEL OR PACKAGING (TUMIA KABLA YA): (MAELEZO YAPO KWINGINE KWENYE KIBANDIKO HIKI)



® = Registered trademark of BASF (Alama ya biashara iliyosajiliwa ya BASF)

81149239 KE-2050



5L

Net Content (Kipimo Kamili):

WHO Class II: Moderately Hazardous



**HARMFUL
(HUDHURU)**



Membership Number: **AAK/220**
Nambari ya Usachama

Basagran® 480 SL

DIRECTIONS FOR USE:

Basagran® 480 SL is a contact post-emergence herbicide for the control of broadleaf weeds in dry beans, maize and potatoes.

MODE OF ACTION

The active ingredient is taken up through the green parts of the plant. The leaves and stems must therefore be adequately wetted with the spray solution. Warmth and good growing weather accelerate the action of the product. Basagran® 480 SL is sprayed post-emergence, i.e. when the weeds have already emerged. After treatment no rain should fall for six hours, so that the active ingredient can penetrate the weeds. Basagran® 480 SL has no biologically active vapour pressure and so constitutes no risk to neighbouring crops in this way.

MIXING INSTRUCTIONS:

Fill the spray tank halfway with water. Start agitator mechanism and slowly add the required amount of Basagran® 480 SL. Add water to the final volume required with continuous agitation.

When tank mixes are to be used, each product should be added separately to the spray tank: Solids first, then Basagran® 480 SL and other liquid herbicides. Use 200-600 L of water. Use the mixture immediately after preparation.

Calibrate the equipment before use and check the nozzle output. During spraying keep the spray solution in motion by means of the agitator or by reflux. After breaks the spray solution must be stirred up again. Over dosage should be avoided. Usual water volume: 200-600 L/ha.

Aerial application is possible with volumes as low as 50 L/ha provided adapted nozzles and pressure produce a droplet spectrum that penetrates adequately into the crop and weeds and is not prone to drift.

RATE OF APPLICATION/SPRAY INTERVAL

Crop	Target Weed	Rate (L/Ha)	Remarks
Dry Beans	please see weed spectrum below	1.5-3.0 L/ha 150-300 ml/ 20 L Knapsacks/Ha	Treat after formation of the 2nd trifoliolate leaf, but not after the flower buds become visible. Slight burning of the foliage may occur, but will grow out again after a short time. There may be non-tolerant varieties. Where a variety has not been tested, it is advisable to carry out a tolerance test before treatment. Apply Basagran® 480 SL in early post-emergence when weeds are young and actively growing. Application should be done when most of the weeds are at 2-4 leaves stage.
Potatoes	please see weed spectrum below	1.75 – 3.0 L/ha 175-300 ml/20L of water. Ensure a total of 10 Knapsacks/ Ha or 200L water/Ha.	Spray when the weeds are grown and the potatoes are at a height of 10-15 centimeters. Before spraying on large scale, spray a small portion to test for crop tolerance. Apply Basagran® 480 SL in early post-emergence when weeds are young and actively growing. Application should be done when most of the weeds are at 2-4 leaves stage.
Maize	please see weed spectrum below	2.0-3.0 L/ha 200-300 ml/20L of water	Apply Basagran® 480 in early post-emergence when weeds are young and actively growing. Application can be done up to 30 days after crop emergence.

Weed spectrum

Basagran® 480 SL is effective against the following weeds:

<i>Abutilon theophrasti</i>	<i>Galium aparine</i>
<i>Acanthospermum hispidum</i>	<i>Helianthus annuus</i>
<i>Ambrosia artemisiifolia</i>	<i>Heliotropium spp.</i>
<i>Ambrosia elatior</i>	<i>Hibiscus trionum</i>
<i>Anoda cristata</i>	<i>Ipomoea purpurea (up to 3-leaf stage)</i>
<i>Anthemis arvensis</i>	<i>Ipomoea spp.</i>
<i>Artemisia vulgaris</i>	<i>Kochia scoparia</i>
<i>Atriplex spp.</i>	<i>Lamium spp. (Up to 3-leaf stage)</i>
<i>Bidens pilosa</i>	<i>Lapsana communis</i>
<i>Brassica spp.</i>	<i>Matricaria spp.</i>
<i>Capsella bursa-pastoris</i>	<i>Mollugu verticillata</i>
<i>Centaurea cyanus</i>	<i>Physalis spp.</i>
<i>Chenopodium album</i>	<i>Polygonum convulvulus</i>
<i>Chrysanthemum spp.</i>	<i>Polygonum pensylvanicum</i>
<i>Cyperus esculentus</i>	<i>Richardia spp.</i>
<i>Datura stramonium</i>	<i>Sida spinosa</i>
<i>Datura ferox</i>	<i>Sinapis arvensis</i>
<i>Eclipta spp.</i>	<i>Stellaria media</i>
<i>Emilia sonchifolia</i>	<i>Tagetes minuta</i>
<i>Erysimum cheiranthoides</i>	<i>Thlapsi arvense</i>
<i>Fumaria officinalis</i>	<i>Tribulis terrestris</i>
<i>Galeopsis tetrahit (up to 3-leaf stage)</i>	<i>Xanthium spp.</i>
<i>Galinsoga spp.</i>	

In the case of root-propagated weeds, only the parts growing above ground are usually controlled. For control of grasses use selective graminicides.

Pre-Harvest-Interval: Beans, Potato – 42 days, Maize – 68 days

Re-Entry-Interval: 24 hours, unless wearing protective clothing.

RESISTANCE MANAGEMENT:

Basagran® 480 SL is inhibitor of photosynthesis on photosystem II (HRAC group C3). As a resistance management practice, this product and products with the same mode of action should be applied in combination or sequence with a herbicide having a different mode of action.

SAFETY PRECAUTIONS:

Ensure thorough ventilation of stores and work areas. When using do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. No special measures necessary if stored and handled correctly.

STORAGE:

Keep away from food, drink and animal feeds. Keep out of the reach of children. Keep away from heat. Protect from direct sunlight.

Waste disposal:

Empty packs should be vigorously shaken into the spray tank. Destroy empty containers by puncturing holes on them and liners to prevent re-use. On emptying the container, rinse thoroughly by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of container safely in accordance with national legislation and regulations.

LEAK AND SPILLS:

Do not breathe vapour/spray. Use personal protective clothing. Avoid contact with the skin, eyes and clothing. For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust). For large amounts: Dike spillage. Pump off product. Dispose of absorbed material in accordance with regulations. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Cleaning operations should be carried out only while wearing breathing apparatus.

ENVIRONMENTAL HAZARDS:

Do not discharge into drains/surface waters/ground water. Do not discharge into the subsoil/soil. Harmful to aquatic life.

FIRST AID MEASURES:

General advice: 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.

If Inhaled: Keep patient calm, remove to fresh air and seek medical attention.

Skin contact: After contact with skin, wash immediately with plenty of water and soap. If irritation develops, seek medical attention.

Eye contact: Immediately wash affected eyes for at least 15 minutes under running water, with eyelids open. Consult an eye specialist.

Ingestion: Do not induce vomiting unless told to by a poison control center or doctor. Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

TAKE PATIENT TO DOCTOR.

TOXICOLOGICAL INFORMATION:

Signs and symptoms of Poisoning: Causes serious eye irritation. May cause an allergic skin reaction. Harmful if swallowed.

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

Note to physician: Treat according to symptoms (decontamination, vital functions).

In case of poisoning call Toll Free number 0800720021/0800730030 (24Hrs).

NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use or store a pest control product under unsafe conditions.

WARRANTY:

Seller's guarantee is limited to the terms set out on the label and subject there, to the buyer who assumes the risks to persons or property arising from the use or handling of this product and accepts the product on that condition.

Basagran® 480 SL

MAPENDEKEZO YA UTUMIAJI:

Basagran 480 SL ni kiuagugu kinachotumika kuzuia magugu yenye matawi mapana kwenye maharagwe, viazi mwingo na mahindi.

JINSI INAVYOFANYA KAZI

Dawa ya Basagran® 480 SL huchukuliwa kupitia kwa matawi na shina za mmea. Hivi basi lazima ikinyunyiziwa ihakikishe imeshika matawi na shina vizuri. Basagran® 480 SL yafaa kunyunyiziwa kwenye magugu yaliyotokea. Hakikisha ikinyunyizwa kusinyeshe kwa muda wa masaa sita ndiyo iwezeshe Basagran® 480 SL kupenya ndani ya magugu vizuri.

MAELEZO YA KUCHANGANYA:

Jaza bomba nusu na maji. Ongezea kiasi cha Basagran® 480 SL kinachohitajika. Jaza kabisa bomba na kuanza kukoroga.

Tumia maji kiasi cha lita 200 – 600 Kwa hektari moja. Dawa inaweza kunyunyiziwa na ndege kwa kiasi cha lita 50 kwa hektari. Dawa inunyuziwe mapema wakati magugu yana majani 2-hadi 4 na yasiwe yamepitisha majani 6.

KIPIMO CHA KUTUMIA/MUDA WA KURUDIA

Mmea	Kipimo (L/hekta)	Maelezo
Maharagwe	Lita 1.5-3.0 kwa hekta Mililita 150-300/ lita 20 za maji. Tumia bomba ya mgongoni isiyochini ya 10 kwa hekta	Nyunyizia mmea ukipata matawi mawili lakini kabla ya maua kutokea. Kwa vile kuna aina za maharagwe zinazoweza kudhuriwa na dawa hii hakikisha umejaribu kwa mahala kidogo kabla ya unyunyizia shamba lote.
Viazi mwingo	Lita 1.75-3.0 kwa hekta Mililita 60-100 / Lita 20 za maji. Hakikisha umetumia bomba 30 au maji lita 600 kwa Hekta	Nyunyizia magugu yakimea na mmea wa viazi ukifikisha urefu wa centimita 10-15. Kwa vile kuna aina za viazi zinazoweza kudhuriwa na dawa hii, hakikisha umejaribu kwa mahala kidogo kabla ya kunyunyizia shamba lote.
Mahindi	Tumia lita 2-3 kwa hekta Milimita 200-300 /Lita 20 za maji.	Nyunyizia Basagran® 480 SL mapema wakati magugu ni wachanga na wanamea kwa kasi. Unyunyizaji unaweza kufanyika siku thelathini baada ya mazao kuibuka

Aina ya magugu

Basagran® 480 SL kinaweza kuzuia magugu yenye matawi mapana Kama ifuatavyo:

<i>Abutilon theophrasti</i>	<i>Galium aparine</i>
<i>Acanthospermum hispidum</i>	<i>Helianthus annuus</i>
<i>Ambrosia artemisiifolia</i>	<i>Heliotropium spp.</i>
<i>Ambrosia elatior</i>	<i>Hibiscus trionum</i>
<i>Anoda cristata</i>	<i>Ipomoea purpurea (up to 3-leaf stage)</i>
<i>Anthemis arvensis</i>	<i>Ipomoea spp.</i>
<i>Artemisia vulgaris</i>	<i>Kochia scoparia</i>
<i>Atriplex spp.</i>	<i>Lamium spp. (up to 3-leaf stage)</i>
<i>Bidens pilosa</i>	<i>Lapsana communis</i>
<i>Brassica spp.</i>	<i>Matricaria spp.</i>
<i>Capsella bursa-pastoris</i>	<i>Mollugu verticillata</i>
<i>Centaurea cyanus</i>	<i>Physalis spp.</i>
<i>Chenopodium album</i>	<i>Polygonum convulvulus</i>
<i>Chrysanthemum spp.</i>	<i>Polygonum pensylvanicum</i>
<i>Cyperus esculentus</i>	<i>Richardia spp.</i>
<i>Datura stramonium</i>	<i>Sida spinosa</i>
<i>Datura ferox</i>	<i>Sinapis arvensis</i>
<i>Eclipta spp.</i>	<i>Stellaria media</i>
<i>Emilia sonchifolia</i>	<i>Tagetes minuta</i>
<i>Erysimum cheiranthoides</i>	<i>Thlapsi arvense</i>
<i>Fumaria officinalis</i>	<i>Tribulis terrestris</i>
<i>Galeopsis tetrahit (up to 3-leaf stage)</i>	<i>Xanthium spp.</i>
<i>Galinsoga spp.</i>	

Muda salama wa kungoja kabla ya kuvuna: Maharagwe, viazi-siku 42, Mahindi-siku 68

Muda wa kungoja kabla kuingia mahali paliponyunyiziwa dawa: Masaa 24 ama kama uko na nguo za kujikinga

KUZUIA UZOEFU WA KUVU:

Basagran 480 SL ina kiambato amalifu ya kikundi cha magugu walio katika Kikundi ya HRAC C3. Kwa kuzuia uzoefu wa magugu kutokana na mchanganyiko huu, viuagugu hivi na vingine vya kikundi kimoja havifai kutumika moja baada ya nyingine kwenye msimu mmoja. Fuatanisha na viuagugu vingine vya vikundi tofauti.

TAHADHARI KWA MTUMIAJI:

Hakikisha uingizaji wa hewa ni mzuri kwenye sehemu za kuhifadhi dawa na maeneo ya kazi. Usile, usinywe wala usivute sigara unapotumia dawa hii. Osha mikono na uso iliyoguswa, kabla kwenda kwa haja na baada ya kumaliza kutumia dawa. Hakuna hatua maalum zinazohitajika ikiwa zimehifadhiwa na kushughulikiwa kwa usahihi.

KUHIFADHI:

Weka dawa mbali na chakula, vinywaji na mifugo. Weka dawa mbali na mahali panapoweza kutokea moto. Linda dawa dhidi ya jua ya moja kwa moja. Weka dawa mbali na watoto.

Kutupa Mabaki:

Haribu chombo cha dawa baada ya kuitumia dawa yote iliyomo. Osha chombo cha dawa mara tatu na umwage ule mwosho kwenye tanki la kunyunyizia. Haribu chombo cha dawa kwa kutoboa baada ya kuitumia dawa yote iliyomo halafu itupe mahali palipotengwa kuambatana na sheria zilizoko kwenye nchi.

DAWA IKIMWAGIKA:

Usipumue mvuke/dawa unapotumia dawa hii. Vaa mavazi ya kujikinga kama ulivyoeeleza hapo juu. Unapotumia dawa hii linda macho, ngozi na nguo ulizovaa. Kwa kiasi kidogo: Pangusa dawa iliyomwagika na mchanga au vumbi inayopatikana wakati mbao inapopasuliwa. Kwa kiasi kubwa: Pampu dawa iliyomwagika. Tupa vifaa vilivyofyonza dawa kulingana na sheria zilizoko kwenye nchi. Kusanya taka katika vyombo vinavyofaa, ambavyo vinaweza kuwekwa lebo na sili. Safisha sakafu iliyomwagikiwa na dawa kwa maji mengi yaliyo na sabuni, kufuatana na kanuni za mazingira. Shughuli za kusafisha zinapaswa kufanyika tu wakati wa kuvaa vifaa vya kupumua.

HADHARI KWA MAZINGIRA:

Usichafue vidimbwi vya maji kwa dawa hii au mabaki yake. Usioshe vyombo vilivyotumika karibu na mito. Usimwage mabaki kwenye udongo au mito. Inaweza leta madhara kwa wanyama wa majini na viumbe vingine wanaoishi kwenye maji.

HUDUMA YA KWANZA:

Mashauri: Watoa huduma ya kwanza wanapaswa kuzingatia usalama wao wenyewe. Ikiwa mgonjwa anaweza kukosa fahamu, msafirishe ikiwa amelalia upande (nafasi ya kupona). Ondoa nguo zilizishika dawa mara moja.

Ikiwa imeingizwa: Weka mgonjwa atulie, mukee kwenye hewa safi na utafute matibabu.

Kushikwa kwa Ngozi: Baada ya kuguswa na dawa kwa ngozi. Osha kwa maji mengi na sabuni. Kuwashwa kwa ngozi kukitokea, pata ushauri wa matibabu.

Kushikwa kwa Macho: Osha macho yaliyoathiriwa kwa muda wa dakika 15 chini ya maji ya kukimbia na kope la jicho likifunguliwa wazi. Wasiliana na mtaalamu wa jicho.

Kumeza: Usiruhusu kutapika isipokuwa kama umeambiwa na kituo cha udhibiti wa sumu au daktari. Mara moja suuza mdomo na kisha kunywa miililita 200-300 ya maji, tafuta matibabu.

PELEKA MJERUHI KWA DAKTARI.

MAELEZO KUHUSU SUMU:

Dalili ya kusumika: Inasababisha kuwashwa sana kwa jicho. Inasababisha kuwashwa sana kwa ngozi. Inadhuru ikimezwa.

Kiuasumu: Hakuna tiba ijulikanayo kwa sasa. Tibu kufuatia dalili za ugonjwa.

Maagizo kwa daktari: Tibu mgonjwa kulingana na dalili za ugonjwa.

Wakati wa madhara piga nambari bila malipo 0800720021/0800730030 (Masaa 24).

ILANI KWA WATUMIAJI:

Dawa hii sharti itumiwe kulingana na maagizo kwenye kibandiko hiki tu. Ni hatia chini ya Sheria za madawa ya kuangamiza wadudu waharibifu kutumia au kuweka dawa hii mahala pasipo usalama.

THIBITISHO:

Dhamana ya Muuzaji ni maelezo yaliyo kwenye kibandiko ambayo ni lazima yafuatwe kikamilifu. Mnunuzi lazima akubali hatari zozote zinaweza kutokana na matumizi ya dawa hii kwa binadamu au mali na lazima aikubali dawa hii katika hali hiyo.