



We create chemistry

Butisan® Gold

500 SE

Suspo-Emulsion HERBICIDE (KIUAGUGU)

GUARANTEE (DHAMANA):

Dimethenamid-P 200 g/l
Metazachlor 200 g/l
Quinmerac 100 g/l

COMMERCIAL AND AGRICULTURAL CLASS (KUNDI LA KILIMO NA BIASHARA)

GROUP
(KUNDI)

K3

O

HERBICIDE
(KIUAGUGU)

Butisan® Gold 500 SE is a pre-emergence herbicide for annual broadleaf weeds and grasses control in canola/oilsseed rape.

(Kiugugu kinachozua maguuri yenyen majani mapana na ya alina ya nyasi kwenye Canola/ oil seed rape.)

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

(Maisha Rafuni: Miaka mwili kutoka tarehe ya kutengeneza ikiwa katika chombo chake maalum isipofungulia na ikiwewa katika pahali pakavu pasipo na joto jingi.)

In case of poisoning call Toll Free number 0800720021/0800730030 (24hrs).
(Wakati wa madharra piga nambari bila malipo 0800720021/0800730030 (Masaa 24).)

Net Content (Kipimo Kamili):

5 L

WHO Class II: Moderately Hazardous

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

KEEP LOCKED
OUT OF REACH OF
CHILDREN
(WEKA MBALI NA
WATOTO)

REGISTRATION NO. (NAMBAJI YA
USAJILI): PCPB (CR) 1901

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

AGENT (AJENTI):
BASF EAST AFRICA LIMITED
P.O. BOX 24271-00100
NAIROBI
TELEPHONE: +254 20 407-2000
Email: info.eastafrica@baf.com

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

BATCH NUMBER: SEE ANOTHER PLACE
ON THE LABEL OR PACKAGING
(NAMBAJI 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)



Protect to Provide
Membership Number:
Namberi ya Uenachama: AAK/220

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81143757 KE 2060



HARMFUL
(HUDHURU)



Butisan® Gold 500 SE

GENERAL INFORMATION:

Butisan® Gold 500 SE is a pre-emergence herbicide for annual broad leaf weeds and grasses control in canola/oilseed rape.

Mode of action:

Dimethenamid-P (DMTA-p) is a very long chain fatty acids inhibitor what brings to inhibition of cell division (HRAC group K3). DMTA-p enters target plants primarily through coleoptiles or emerging shoots. Weeds are controlled before or soon after emergence from the soil. Photostability, high water solubility and low vapor pressure of DMTA-p allow pre-emergence surface application without requiring mechanical incorporation.

Metazachlor is a very long chain fatty acids inhibitor what brings to inhibition of cell division (HRAC group K3). Metazachlor enters target plants primarily through root and shoot. When applied pre-emergence, metazachlor inhibits germination.

Quinmerac is a synthetic auxine herbicide (HRAC group O). When applied in pre-emergence, quinmerac is up taken via roots. It also penetrates via leaves when applied in post-emergence. The main effect of quinmerac on weeds is due to a physiological disturbance of the root system and the side effect occur as morphological alterations in the shoot region.

DIRECTION FOR USE:

Mixing Instructions:

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

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 is 200 L/ha. Use the mixture immediately after preparation.

Rate of application / spray interval

Crop	Target Weeds	Rate(L/Ha)	Remarks
Canola/ Oilseed rape	Broadleaf weeds and grasses as listed below	2.0 L/ha in 200 L of Water (200 ml/20L of water)	Butisan® Gold 500SE may be applied pre- or post-emergence of the crop, but for optimum efficacy application must be pre-emergence to early post-emergence of the weeds. The weeds bigger than 2 leaf stage will not be controlled. It is necessary to have moist soil for activation of the herbicide.

Application should only be made on medium and heavy soils. i.e Do not apply in sands and light soils

Re-entry interval: 24 hours, unless wearing protective clothing.

PHI: 42 days

Waiting period for follow-up crops:

For all situations following or rotational crops must not be planted until four months after application of Butisan® Gold 500 SE.

Any crop can follow normally harvested canola treated with Butisan® Gold 500 SE.
Ploughing is not essential before sowing a following cereal crop but is required for all other crops.

Weeds controlled include:

Macdonald's eye	<i>Galinsoga parviflora</i>
Pig weed	<i>Amaranthus spp.</i>
Oxalis	<i>Oxalis species</i>
Mexican marigold	<i>Tagetes minuta</i>
Blue grass	<i>Poa pratensis</i>
Crab grass	<i>Digitaria sanguinalis</i>
Couch grass	<i>Digitaria scalarum</i>
Chickweed	<i>Stellaria media</i>
Cleavers	<i>Galium spp.</i>
Crane's-bill	<i>Geranium spp.</i>
Dead nettle	<i>Lamium spp.</i>
Fat-hen	<i>Chenopodium album</i>
Mayweed, Scented	<i>Anthemis spp.</i>
Poppy, Common	<i>Papaver rhoeas</i>
Shepherd's-purse	<i>Capsella bursa-pastoris</i>
Sowthistle, field	<i>Sonchus arvensis</i>
Speedwell	<i>Veronica spp.</i>

Resistance management:

Butisan® Gold 500 SE is product formulated with three active ingredients with two modes of action (HRAC group K3 and O). Resistance of the weeds on active ingredients formulated in the product is not observed. As a resistance management practice, this product and products with the same mode of action should be applied in combination or sequence with an herbicide having a different mode of action.

SAFETY PRECAUTIONS:

Do not breathe vapor/spray. Use personal protective clothing. Avoid contact with the skin, eyes and clothing. Do not discharge into drains/surface waters/groundwater. Do not discharge into the subsoil/soil. 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.

STORAGE:

Keep away from food, drink and animal feeding stuffs. Keep out of reach of children. Store in original container tightly closed, in a safe place. Store locked up. Store in a well-ventilated place. Keep away from heat. Protect from direct sunlight.

WASTE DISPOSAL:

On emptying the container, triple rinse thoroughly by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling. Perforate or puncture holes on empty containers and dispose off in accordance with National legislation and Regulation. DO NOT RE-USE empty containers for any other purpose.

LEAK AND SPILLS:

Use personal protective clothing. Avoid contact with the skin, eyes and clothing. Do not breathe vapour/spray.

For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).

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.

ENVIRONMENTAL HAZARDS:

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.

FIRST AID MEASURES:

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

Skin contact: Wash thoroughly with soap and water.

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

Ingestion: 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: May cause an allergic skin reaction, suspected of causing cancer. May cause sensitization by skin contact.

Antidote: 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.

Butisan® Gold 500 SE

MAELEZO KWA JUMLA:

Kiuagugu kinachozuia magugu yenyе majani mapana na ya aina ya nyasi kwenye Canola/oil seed rape. Ni kiuagugu kinachonyunyizwa kabla ya magugu kuonekana.

Jinsi inavyofanya kazi:

Dimethenamid-P (DMTA-p) ina kizuia ambacho huingilia ukuaji na ugawanyikaji wa seli za mmea. Metazachlor huingia kwenye mizizi na matawi ya mmea hivyo basi huzuai uotaji wa mbegu. Ina kizuia pia ambacho huingilia ukuaji na ugawanyikaji wa seli za mmea.

Quinmerac huchukuliwa kupertia kwa mizizi hadi kwenye matawi ikinyunyizwa baada ya magugu kuonekana. Quinmerac hufanya kazi kwa kusumbua mizizi na matawi ya mmea.

Maelezo ya kuchanganya:

Maelezo ya kuchanganya:

Jaza bomba nusu na maji. Ongezea kiasi cha Butisan® Gold 500 SE kinachohitajika. Jaza kabisa bomba na kuanza kukoroga. Tumia maji kiasi cha lita 200 Kwa hektari moja.

Kipimo cha kutumia/muda wa kurudia:

Mmea	Aina ya magugu	Kipimo/Lita	Maelezo Zaidi
Canola/ Oilseed rape	Magugu yenyе majani mapana na nyasi	Lita 2/hekta Kwa kutumia Lita 200 ya Maji (millilita 20 kwa lita ishirini ya maji)	Butisan® Gold 500 SE ni kiuagugu kinachowenza kunyunyizwa kabla ya mmea kumea., lakini kwa matokeo bora, nyunyiza kabla ya magugu kuonekana au punde tu magugu yanapoonekana mapema. Magugu makubwa kuliko majani 2 haitazuiliwa. Ni muhimu kuwa na udongo unyevu wa kuiamarisha dawa

Muda wa kungoja kabla kuingia mahali paliponyunyiziwa dawa:

Masaa 24, ama ukiwa na mavazi ya kujikinga.

Muda salama wa kungoja kabla ya kuvuna: Siku 42

Magugu yanayozuiwa:

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Uzoefu wa magugu:

Butisan® Gold 500 SE ni dawa yenyewe mchanganyiko wa madawa ya vikundi vitatu. Uzoefu wa magugu kwa dawa hii hakijashuhudiwa. Kwa kuzuia uzoefu wa magugu kutohakana na mchanganyiko huu, viuagugu hivi na vingine vyaya kikundi kimoja na hikilivhapandekezwa visifutatanishwe na mchanganyiko huu kwenye msimu mmoja.

TAHDHARI KWA MTUMIAJI:

Vaa glavu, ngao ya uso na ovaroli unapotumia dawa hii. Usile, usinywe, usivute sigara, usivute ukungu wa dawa. Usinyunyizie kwenye maji ya kunywa, vibwawa au kwenye mitaro. Nawa mikono, uso na nguo zilizotumika wakati wa kunyunyizia.

KUHFADHI:

Weka dawa ndani ya pakiti yake halisi mahali ambapo ni salama, pakavu, na pasipo na joto nyangi, penye hewa nyangi mbali na chakula na watoto.

KUTUPA MABAKI:

Osha chombo cha dawa mara tatu na umwage ule mwosho kwenye tanki la kunyunyizia. Haribu chombo cha dawa kwa kutoboa mashimo baada ya kuitumia dawa yote iliyomo halafu itupe mahali pazuri mbali na mto kuambatana na sheria zilizoko kwenye nchi. USITUMIE KWA MATUMIZI INGINE.

DAWA IKIMWAGIKA:

Jikinge na nguo na vifaa nya kuzuia madhara ya dawa. Panguza dawa iliyomwagika na mchanga au 'sawdust'. Osha mahali au vifaa vilivymwagikiwa na dawa kwa maji mengi na sabuni.

HADHARI KWA MAZINGIRA:

Butisan Gold 500 SE inaweza leta madhara kwa wanyama wa majini na viumbe vingine wanaoishi kwenye maji. Usichafue vidimbwi nya maji kwa dawa hii au mabaki yake. Usioshe vyombo vilivytumika karibu na mito. Usimwage mabaki kwenye udongo au mito.

HUDUMA YA KWANZA:

Ikiwa imeingizwa: Weka mgonjwa atulie, mueke kwenye hewa safi na utafute matibabu. **Kushikwa kwa Ngozi:** Osha vizuri kwa sabuni na maji.

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

Kumeza: Mara moja suuza mdomo na kisha kunywa mililita 200-300 ya maji, tafuta matibabu.

PELEKA MJERUHI KWA DAKTARI.

MAELEZO KUHUSU SUMU:

Dalili ya kusumika: Yawenza sababisha mziza wa ngozi, inashukiwa kusababisha kansa, Yawenza kudhuru ngozi.

Kiuasumu: Hakuna tiba ijlukanayo kwa sasa.

Maagizo kwa daktari: Matibabu: Tibu kufuatia dalili (njia ya kuondoa kemikali, viungo muhimu).

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 kutohana na matumizi ya dawa hii kwa binadamu au mali na lazima aikubali dawa hii katika hali hiyo.



We create chemistry

Butisan® Gold

500 SE

Suspo-Emulsion

HERBICIDE (KUAGUGU)

GUARANTEE (DHAMANA):

Dimethenamid-P 200 g/l

Metazachlor 200 g/l

Quinmerac 100 g/l

COMMERCIAL AND AGRICULTURAL CLASS (KUNDI LA KILIMO NA BIASHARA)

GROUP (KUNDI)	K3	O	HERBICIDE (KUAGUGU)
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5 L

Net Content (Kipimo Kamili):

READ THE LABEL BEFORE USING

(SOMA KIBANDIKO
CHA MAELEZO
KABLA YA
KUTUMIA)

KEEP LOCKED
OUT OF REACH OF
CHILDREN
(WEKA MBALI NA
WATOTO)

REGISTRATION NO. (NAMBAARI YA
USAJILI): PCPB (CR) 1901

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

AGENT (AJENTI):

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P.O. BOX 24271-00100
NAIROBI
TELEPHONE: +254 20 407-2000
Email: info.eastafrika@bASF.com



MANUFACTURING DATE: SEE ANOTHER
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(TAREHE YA KUTENGENEZWA):
(MAELEZO YAPO KWINGINE KWENYE
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KWINGINE KWENYE KIBANDIKO HIKI)



Protect to Provide
Membership Number:
Namberi ya Uenachama: AAK/220

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81143757 KE 2060



HARMFUL
(HUDHURU)

