

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. PCPB (CR) 1246
(NAMBARI YA USAJILI)

 **BASF**

We create chemistry

Abacus[®] Advance 125 SE

Suspo-Emulsion
FUNGICIDE (KIUAKUVU)

GUARANTEE: DHAMANA

Pyraclostrobin 62.5 g/l
Epoixiconazole 62.5 g/l

COMMERCIAL AND AGRICULTURAL CLASS
(KUNDI LA KILIMO NA BIASHARA)

Fungicide for the control of Stem rust and yellow rust on Wheat and Grey leaf spot on Maize.

(Kiuakuvu cha kuzuia magonjwa ya kutu
(‘stem rust’ na ‘yellow rust’)kwenye ngano na ,Grey Leaf Spot’ kwenye mahindi)

Shelf life: Two years in tightly sealed original unopened
containers under cool and dry storage conditions.

(**Maisha Rafuni:** Miaka miwili ikiwa katika chombo chake
maalum kisichofunguliwa na ikiwekwa katika pahali pakavu pasipo na joto jingi.)

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

(**Wakati wa madhara piga nambari bila malipo 0800720021 /0800730030 (masaa 24)**)

Net Contents/Kipimo Kamili: 1 L

WHO Class II: moderately hazardous



MANUFACTURER / REGISTRANT
(WATENGENEZAJI):

BASF SE, GERMANY
GERMANY

AGENT (AJENTI):
BASF EAST AFRICA LIMITED
P.O. BOX 24271-00100
NAIROBI
TELEPHONE: +254 20 4443454

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

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

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



Protect to Provide

MEMBERSHIP NUMBER AAK/220

® = Registered trademark of BASF

81112980KE1126



**HARMFUL
HUDHURU**



DIRECTIONS FOR USE:

A protectant and systemic fungicide for the control of stem rust and yellow rust on Wheat. Apart from fungicidal activity, pyraclostrobin one of the active ingredients of Abacus® Advance 125 SE exhibits the potential to increase plant physiological effects which are beneficial to the crop.

MODE OF ACTION:

Pyraclostrobin belongs to the QoI group of fungicides and the mode of action is the inhibition of mitochondrial respiration resulting from a blockage of the electron transport from the cytochrome bc1 at Qo site (cyt b gene) of the complex III. This leads to a stop of energy supply that is available to support a range of essential processes in the fungal cell.

Epoxiconazole is a systemic fungicide belonging to the chemical class of triazoles and acts by the inhibition of C14 – demethylase in sterol biosynthesis, which is known to be a prerequisite for the production of ergosterol for the formation of the cell membrane. Epoxiconazole has protective, curative, and eradicated effects and control a wide range of fungal diseases.

MIXING INSTRUCTIONS:

Half fill the spray tank with clean water and start agitation. Shake the product well before opening, measure the required amount of Abacus® Advance 125 SE and add into the spray tank. Fill the tank with clean water and continue agitation or recirculation. Continue agitation during spraying.

APPLICATION TIMING:

Abacus® Advance 125 SE provides optimal disease control when applied in a regularly scheduled preventive fungicide program when conditions favor disease development. Abacus® Advance 125 SE should be used in a spray program that rotates fungicides with different modes of action. It can be sprayed latest at first signs of disease infection.

RATE OF APPLICATION/ SPRAY INTERVAL:

Crop	Target Pest	Rate	Remarks
Wheat	Yellow Rust (<i>Puccinia striiformis</i>) Stem Rust (<i>Puccinia graminis</i>)	1L/ha	Apply preventatively or latest as soon as infection is noticed and repeat at 3-4 weeks later depending on disease pressure. Ground Application: 100 ml per 20 L of water Apply in 200-400 L water per ha
Maize	Grey leaf spot <i>Cercospora zeae-maydis</i>	1.6 L/ha	160 ml per 20 L of water Apply in 200-400 L water per ha

NOTE: Do not use any additional wetters, spreaders or other adjuvants as Abacus® Advance 125 SE has already been formulated with optimized amounts of surfactants.

PRE HARVEST INTERVAL: Wheat 60 days
Maize 30 days

RE-ENTRY INTERVAL: 24 Hours, unless wearing protective clothing.

RESISTANCE MANAGEMENT:

Abacus® Advance 125 SE should be used in accordance with the instructions for use for the target diseases at the indicated conditions.

Use Abacus® Advance 125 SE as part of an Integrated Crop Management strategy incorporating other methods of control.

You must not apply more than two foliar applications of Abacus® Advance 125 SE and products containing the same mode of action or belonging to the same FRAC group to any cereal crop.

FOR SPECIFIC INFORMATION ON RESISTANCE MANAGEMENT, CONTACT THE REGISTRATION HOLDER, BASF EAST AFRICA LTD.

SAFETY PRECAUTIONS:

No special measures necessary if stored and handled correctly. Prevent spray drift onto other crops, grazing, rivers and dams.

Wear protective gloves/clothing. Use only outdoors or in well-ventilated area. Do not breathe the mist or vapor. Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using the product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated body parts thoroughly after handling.

LEAKS AND SPILLS:

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. Wear suitable protective equipment.

STORAGE:

Segregate from foods and animal feeds. Keep away from heat. Protect from direct sunlight. Protect from temperatures below: -5 °C
The product can crystallize below the limit temperature. Protect from temperatures above: 40 °C
Changes in the properties of the product may occur if substance/product is stored above indicated temperature for extended periods of time.

WASTE DISPOSAL:

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 regulation.

ENVIRONMENTAL PROTECTION:

Harmful by inhalation and if swallowed. Limited evidence of a carcinogenic effect. May cause sensitization by skin contact. May damage the unborn child. Possible risk of impaired fertility. 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:

General advice: Immediately call a poison center or doctor/physician. Avoid contact with the skin, eyes and clothing. Take off immediately all contaminated clothing. Show container, label and /or safety data sheet to physician. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position).

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

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

Skin contact: Immediately wash thoroughly with soap and water, seek medical attention.

Ingestion: Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

TOXICOLOGICAL INFORMATION:

Signs and Symptoms of poisoning: Harmful by inhalation and if swallowed. Limited evidence of a carcinogenic effect. May cause sensitization by skin contact. May damage the unborn child. Possible risk of impaired fertility.

Poisoning antidote: No specific antidote. Treat symptomatically.

Note to physician:

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

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

TAKE PATIENT TO DOCTOR**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 this label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

MAPENDEKEZO YA UTUMIAJI:

Abacus® Advance 125 SE Kiuakuvu cha kuzuia magonjwa ya kutu („stem rust“ na „yellow rust“) kwenye ngano. Mojawapo ya dawa halisi iliyo kwenye hiki kiuakuvu-Pyralostrobilin imeonyesha kuongezeka kwa fiziologia ya mmea hivi basi kuongezea ukuaji wa mmea.

JINSI INAVYOFANYA KAZI

Pyralostrobilin (FRAC group 11) ni mojawapo ya dawa iliyo kwenye kikundi cha Qol cha kiuakuvu na inazuia upumuaji wa kuvu na kusimamisha ukuaji.

Epoxiconazole (FRAC group 3) ni kiuu kuvu kilicho katika kikundi cha triazoles na kinafanyakazi kwa kusimamisha ukuaji wa seli ya kuvu.

MAELEZO YA KUCHANGANYA

Jaza tanki la kunyunyizia na maji safi hadi nusu. Tingiza dawa vizuri kabla ya kuifungua kisha upime kiasi cha Abacus® Advance 125 SE kinachohitajika na uongeze kwenye tanki la kunyunyizia. Jaza tanki hilo na maji safi na uendeleo kuchanganya na kutikisa. Endelea kukoroga vizuri unaponyunyizia.

WAKATI WA KUNYUNYIZIA

Abacus® Advance 125 SE inafaa zaidi ikitumiwa wakati dalili za ugonjwa zinaonekana kushika ngano. Unahimizwa kubadilisha dawa hii na dawa za vikundi vingine kuzuia uzoefu kwenye mmea.

KIPIMO CHA KUTUMIA / MUDA WA KURUDIA

Mmea	Ugonjwa	Kiasi cha kutumia	Maelezo zaidi
Ngano	Yellow Rust (<i>Puccinia striiformis</i>) Stem Rust (<i>Puccinia graminis</i>)	Lita 1.0 / hekta	Nyunyiza dawa kuzuia ama mwisho punde tu ugonjwa uonekanapo. Rudia kila baada ya wiki 3-4 kulingana na dalili za ugonjwa kushika. Tumia mililita 100 kwa lita 20 ya maji Tumia lita 200-400 za maji kwa hekta
Mahindi	Grey leaf spot (<i>Cercospora zeamaydis</i>)	Lita 1.6/hekta	Tumia mililita 160 kwa lita 20 ya maji. Tumia lita 200-400 za maji kwa hekta.

FAHAMU: Usitumie kemikali yenye usaidizi wa kushikisha dawa kwenye matawi kwani Abacus® Advance 125 SE tayari imeundwa na vishikanishi ndani yake.

MUDA WA KUNGOJA KABLA YA KUVUNA: Ngano siku 60
Mahindi siku 30

MUDA WA KUNGOJA KABLA KUIINGIA MAHALI PALIPONYUNYIZIWA DAWA: Masaa 24 ama kama uko na nguo za kujikinga

UVUMILIVU WA MIMEA:

Abacus® Advance 125 SE itumike kwa mujibu wa maelekezo kwa ajili ya matumizi kwa magonjwa lengo katika hali unaohitajika. Tumia Abacus® Advance 125 SE kama sehemu ya 'Integrated Crop Management' huku ukitumia njia nyingine ya kudhibiti. Usinyunyize Abacus® Advance 125 SE zaidi ya mara mbili kwa mfululizo na pia na dawa zilizo katika kikundi kimoja cha Abacus® Advance 125 SE.

KWA MAELEZO MAALUM KUHUSU UVUMILIVU WA MMEA, WASILIANA NA WASAJILI HOLDER, BASF EAST AFRICA LTD

TAHADHARI KWA MTUMIAJI:

Hakuna mikakati maalum muhimu utahitajika kama kuhifadhiwa na kubebwa kwa dawa utafanywa kwa usahihi. Zuia dawa kumwagika kwenye mazao mengine, malisho ya mifugo, mito na mabwawa. Vaa nguo za kujikinga kama vile glavu na ovaroli. Tumia dawa katika eneo yenye hewa ya kutosha. Usipumue ukungu au mvuke.. Usitumie dawa kabla ya kusoma maelezo kwenye kibandiko. usinywe wala usivute sigara unapotumia dawa hii. mavazi ya kazi haipaswi kuruhusiwa nje ya mahali pa kazi. Oga mwili na sabuni na maji mengi baada ya kazi na ufue nguo za kujikinga na madhara ya dawa kabla ya kuzitumia tena.

DAWA IKIMWAGIKA:

Jikinge na nguo na vifaa vya kuzuia madhara ya dawa. Kwa kiasi kidogo cha dawa: Panguza dawa iliyomwagika na mchanga au vumbi inayopatikana wakati mbao inapopasuliwa (sawdust), sand n.k Kwa kiasi kikubwa cha dawa: pampu dawa na vifaa vilivyofyonza dawa vitupwe mahali pazuri mbali kuambatana na sheria zilizoko. Osha mahali au vifaa vilivyomwagikiwa na dawa kwa maji mengi na sabuni.

UWEKAJI:

Hifadhi dawa ndani ya pakiti yake halisi mahali ambapo ni salama, kavu, na hakuna joto nyingi, penye hewa nyingi na ni mbali na chakula na watoto hawawezi kufikia. Hifadhi mahali palipo na joto isiyo chini ya nyuzi -5 au zaidi ya nyuzi 40.

KUTUPA MABAKI:

Osha chombo cha dawa mara tatu na umwage ule mwosho kwenye tanki la kunyunyizia. Haribu chombo cha dawa baada ya kuitumia dawa yote iliyomo halafu itupe mahali pazuri mbali na mto kuambatana na sheria zilizoko.

HADHARI KWA MAZINGIRA:

Yaweza sababisha madhara ikimezwa na kuvutwa. Kuna ushahidi mdogo kwa athari ya kansa. Yaweza sababisha mwasho kwenye ngozi. Kunaweza kuharibu uzazi au mtoto tumboni. Dawa

hii ina madhara kwa samaki na viumbe vingine vinavyoishi kwenye maji. Usichafue vidimbwi vya maji kwa dawa hii au mabaki yake. Usioshe vyombo vilivyotumika karibu na mito. Usimwage mabaki kwenye nyumba za wanyama au barabara.

MAELEZO YA HUDUMA YA KWANZA:

Mashauri: Hakikisha dawa isimwagikie ngozi, macho na mavazi. Vaa mavazi yenye dawa mara moja. Ukihisi hali mbaya ya afya utumiapo dawa hii, tafadhali muone daktari na umuonyeshe kibandiko cha dawa hii.

Ikivutwa: Peleka mhadhiriwa mahali penye hewa safi na umweke akiwa mtulivu. Mpeleke kwa daktari

Ikiingia kwa Macho: Osha macho kwa maji mengi yanayotiririka kwa muda wa dakika 15. Mpeleke kwa daktari

Ikishika Ngozi: Vaa mavazi yenye dawa mara moja na usafishe ngozi iliyopata dawa kwa maji mengi. Osha mahali palipopata dawa kwa maji na sabuni. Muone daktari

Ikimezwa: Osha mdomo mara moja. Kunywa maji mengi kiasi cha milimita 200-300 na umuone daktari.

MAELEZO KUHUSU SUMU

Dalili za kusumika: Yaweza sababisha madhara ikimezwa na kuvutwa. Kuna ushahidi mdogo kwa athari ya kansa. Yaweza sababisha mwasho kwenye ngozi. Kunaweza kuharibu uzazi au mtoto tumboni.

Kiuasumu: Hakuna tiba ijulikanayo kwa sasa. Tibu mgonjwa kulingana na dalili za ugonjwa.

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

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

PELEKA MJERUHI KWA DAKTARI

ILANI KWA WATUMIAJI:

Dawa hii sharti itumiwe kulingana na maagizo yaliyo kwenye kibandiko hiki tu. Ni hatia chini ya Sheria za madawa ya kuangamiza wadudu waharibifu kutumia au kuhifadhi dawa hii katika hali isiyo salama.

THIBITISHO:

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

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WHO Class II: moderately hazardous



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(WATENGENEZAJI):

BASF SE, GERMANY
GERMANY

AGENT (AJENTI):
BASF EAST AFRICA LIMITED
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