



We create chemistry

Kumulus[®] 80% DF

**Dry Flowable
FUNGICIDE (KIUAKUVU)**

GUARANTEE (DHAMANA):

Sulphur 80% w/w

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

GROUP (KUNDI)	M02	FUNGICIDE (KIUAKUVU)
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**Fungicide for the control of Powdery Mildew
and suppression of Red spider mites on
roses and tomatoes**

**(Kiuakuvu cha kuzuia ubwiri unga na utitiri
kwenye waridi na nyanya)**

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 jingi.)

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

Net Content (Kipimo Kamili): **25 kg**

WHO Class III: Slightly 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. (NAMBARI YA
USAJILI): PCPB (CR) 0272**

**REGISTRANT / MANUFACTURER (MSAJILI
/ MTENGENEZAJI):**

BASF SE, GERMANY

AGENT (AJENTI):

BASF EAST AFRICA LIMITED

P.O. BOX 24271-00100

NAIROBI

TELEPHONE: + 254 20 4443454

Email: info.eastafrica@basf.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
(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)**



Protect to Provide

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

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**CAUTION
(TAHADHARI)**



Kumulus® 80% DF

DIRECTIONS FOR USE:

Kumulus® 80% DF is a preventative contact Sulphur fungicide with a broad spectrum of activity. It has a specific action against powdery mildew in roses and tomatoes. Kumulus® 80% DF displays very good plant compatibility at the recommended dosage rate. In addition, Kumulus® 80% DF can also be used as an acaricide to control red spider mites.

MODE OF ACTION:

Kumulus® 80% DF has a predominantly preventive action and is effective through contact and vapour action, and has multi-site contact activity.

MIXING INSTRUCTIONS:

Half fill the spray tank with clean water and start agitation. Shake the product well before opening, measure the required amount of Kumulus® 80% DF and add into the spray tank. Fill the tank with clean water and continue agitation or recirculation. Continue agitation during spraying.

RATE OF APPLICATION/SPRAY INTERVAL

Crop	Disease	RATE/20 L RATE/ha	Remarks
Roses	Powdery mildew (<i>Sphaerotheca pannosa</i>)	100 g/20 L 5 kg/ha	Apply preventatively as a foliar spray; avoid application during the highest temperature of the day, especially over 30°C; avoid application during flowering; due selectivity; don't apply it on known sensitive varieties to sulphur.
Tomatoes	Powdery mildew (<i>Sphaerotheca sp.</i> , <i>Leveillula sp.</i>)	80 g/20 L 4 kg/ha	

NOTE: Dosage rate based on 1000 litres of water per hectare.

PRE-HARVEST-INTERVAL: 2 days before harvest.

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

RESISTANCE MANAGEMENT:

Kumulus® 80% DF should be used in accordance with the instructions for use for the target diseases at the indicated conditions. Use Kumulus® 80% DF as part of an Integrated Crop Management strategy incorporating other methods of control. Alternation with fungicides having other modes of action is recommended.

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. Avoid dust formation, dust can form an explosive mixture with air. Use personal protective clothing. Avoid contact with the skin, eyes and clothing. 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. Keep away from heat. Protect against moisture. Protect from direct sunlight. Protect from temperatures above: 40 °C

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 discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater. For small amounts: Contain with dust binding material and dispose of. For large amounts: Sweep/shovel up. Avoid raising dust. 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:

Do not discharge into drains/surface waters/ground water. Do not discharge into the subsoil/soil. Not harmful to fish, bees, birds and livestock. Since sulphur is a natural component of the environment, it is considered safe to the environment.

FIRST AID MEASURES:

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.

Ingestion: Rinse mouth immediately and then drink plenty of water, seek medical attention.

TAKE PATIENT TO DOCTOR.

TOXICOLOGICAL INFORMATION:

Signs and symptoms of Poisoning: No significant reaction of the human body to the product known.

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.

Kumulus® 80% DF

MAPENDEKEZO YA UTUMIAJI:

Kumulus® 80% DF ni dawa ya mimea iliyo na nguvu na utaratibu wa kuzuia ubwiri unga kwenye waridi na nyanya na kuingia kwenye mimea na kuzuia kuvu ya unga. Kumulus® 80% DF hufaa sana kwa kuzuia maradhi yanayosababishwa na Powdery mildew.

JINSI INAVYOFANYA KAZI:

Kumulus® 80% DF ina nguvu zaidi ya kuzuia kuvu kwa njia ya mguso na mvuke.

MAELEZO YA KUCHANGANYA:

Changanya kiasi kinachohitajika cha Kumulus® 80% DF na maji kidogo ili upate mchanganyiko mzito. Ongeza kiasi cha maji kilichobaki na ukoroge vizuri.

KIPIMO CHA KUTUMIA/MUDA WA KURUDIA

MAZAO	MAGONJWA	VIPIMO/ Lita 20	VIPIMO /ha
Waridi (Roses)	Ubwiri unga / Ukungu (Powdery mildew) <i>Sphaerotheca pannosa</i>	Gramu 100 kwa lita 20 au Kilo 5 kwa hekta	Nyunyizia kuzuia. Usinyunyize kwenye nyuzi iliyoziidi 30 na kama mmea umeota maua.
Nyanya	Ubwiri unga / Ukungu (Powdery mildew) (<i>Sphaerotheca sp.</i> , <i>Leveillula sp.</i>)	Gramu 80 kwa lita 20 au Kilo 4 kwa hekta	

VIPIMO NI KULINGANA NA LITA 1,000 ZA MAJI KWA HEKTA

MUDA SALAMA WA KUNGOJA KABLA KUVUNA: Kiuakuvu hiki kimeundwa na Sulphur. Unahimizwa angalau usivune kabla siku 2 kuisha baada ya kunyunyizia.

MUDA WA KUNGOJA KABLA KUIINGIA MAHALI PALIPONUUNYIZIWA DAWA: Masaa 24, ama ukiwa na mavazi ya kujikinga.

TAHADHARI KWA MTUMIAJI:

Unapotumia dawa ya Kumulus® 80% DF zuia kuzusha vumbi, vumbi huweza kuunda mchanganyiko na hewa inaoweza sababisha mlipuko. Usile, usinywe wala usivute sigara unapotumia dawa hii, linda macho, vaa nguo za kujikinga kama vile glovu, overoli na gambuti. Wakati wa kunyunyiza vaa hata kofia na kitu cha kulinda macho. Osha mikono na ngozi iliyoguswa kabla ya kula, kunywa, kuvuta ama kwenda kwa haja. Oga baada ya kazi na ufue nguo kabla ya kuzitumia tena.

KUHIFADHI:

Weka dawa ndani ya pakiti yake halisi mahali ambapo ni salama, pakavu, pasipo na joto jingi, kuna hewa nyingi, mbali na vyakula na watoto hawawezi kufikia.

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:

Vaa mavazi ya kujikinga kama ulivyoielezwa hapo juu. Unapotumia dawa hii linda macho, ngozi na nguo ulizovaa. Usimwage dawa hii kwenye udongo. Usimwage dawa hii katika maji/nyuso ya maji/maji ya chini. 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.

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. Kiuakuvu hiki hakina madhara kwa viumbe. Kinatengenezwa na madini ya Sulphur yanayotoka ardhini.

HUDUMA YA KWANZA:

Ikiwa imeingizwa: Weka mgonjwa atulie, muke 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 kukiitokea, 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.

Kumeza: Suuza mdomo mara moja na kisha kunywa maji mengi, tafuta matibabu.

PELEKA MJERUHI KWA DAKTARI.

MAELEZO KUHUSU SUMU:

Dalili ya kusumika: Hakuna ripoti kutoka kwa binadamu kuhusu kuingiwa na sumu. Yamkini hakuna sumu kali inayoweza kutokea.

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.



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BASF SE, GERMANY

AGENT (AJENTI):

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P.O. BOX 24271-00100

NAIROBI

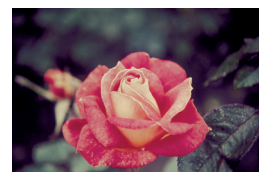
TELEPHONE: + 254 20 4443454

Email: info.eastafrica@basf.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 (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)



Protect to Provide

Membership Number: AAK/220
Nambari ya Uanachama: AAK/220

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**CAUTION
(TAHADHARI)**



81138969 KE 2010

Date of Manufacture:

Date of Expiry:

Batch Number:



(01)04014348250627