



We create chemistry

ml
800

Fastac[®] 100 EC

Emulsifiable Concentrate
INSECTICIDE (KIUADUDU)

GUARANTEE (DHAMANA):
Alphacypermethrin 100 g/l

COMMERCIAL AND AGRICULTURAL CLASS
(KUNDI LA KILIMO NA BIAHARA)

700

600

GROUP (KUNDI)	3A	INSECTICIDE (KIUADUDU)
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Insecticide for the control of Cottony cushion scale and leaf miner control in coffee; Bean flower thrips control in French beans and caterpillars in roses and carnations.

(Kiuadudu kinachotumika kudhibiti aina nyingi za wadudu k.v. 'cottony cushion scale' na 'leaf miner' kwenye kahawa, vithiripi kwenye maharagwe ('french beans') na viwavi kwenye Roses na carnations)

500

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 pahari 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).)

400

1 L

Net Content (Kipimo Kamili):

WHO Class II: Moderately Hazardous

300

200
ml



HARMFUL
(HUDHURU)



**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) 0167

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

**AGENT (AJENTI):
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NAIROBI
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**MANUFACTURING DATE: SEE ANOTHER PLACE ON THE LABEL OR PACKAGING
(TAREHE YA KUTENGENEZAWA): (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 Usanachama: AAK/220



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81140667 KE 2040



Fastac® 100 EC

DIRECTIONS FOR USE:

Fastac®100 EC is a highly active broad spectrum insecticide which controls cottony cushion scale and leaf miner in coffee, bean flower thrips in french beans and caterpillars in roses and carnations, at relatively low application rates.

MODE OF ACTION

Alphacypermethrin, the active ingredient in Fastac® 100 EC is a non-systemic insecticide that acts on adults, larvae and has significant ovicidal and repellent effect. It has a very good Knockdown effect and persistence of action. Alphacypermethrin sustains succession of the nerve impulses which leads to over stimulation, exhaustion and death of the insect.

MIXING INSTRUCTIONS:

Fill the spray tank halfway with water. Start agitator mechanism and slowly add the required amount of Fastac® 100 EC. Add water to the final volume required with continuous agitation.

APPLICATION TECHNIQUE:

As good crop penetration is essential, especially when pests are underneath the leaf canopy, use of a twin-fan nozzle on any ground equipment applying 600 – 1000 l water/ha is recommended. Aerial sprays can also be done provided flag men do not stand in the spray path of aircraft. Apply in a minimum of 30 L water/ha. Directed knapsack sprays are very effective especially on french beans since lower dosages are possible.

RATE OF APPLICATION/SPRAY INTERVAL

Crop	Target Pest	Rate (L/Ha)	Remarks
Coffee	Coffee Leaf Miner	80 ml in 600 – 1000 l water/hectare (or 3 ml in 20 l water for small scale use to cover 25 coffee bushes)	Apply when first symptoms are seen.
French beans	Bean flower thrips	120 ml in 600 l water/ha (or 4 ml/20 l water for small scale use)	Ensure good coverage with fine droplets pulverization.

Roses and Carnations	Caterpillars (bollworms)	150 ml – 300 ml in 1000 l water/hectare	As soon as a few moths are seen in the crop canopy, initiate sprays of Fastac® 100 EC. Ensure all flower buds are thoroughly covered by the spray especially the inner petals where eggs are laid. As bright coloured varieties of Carnations and Roses attract more caterpillars than dull ones, ensure the former's flower buds are thoroughly covered by spray droplets to point of run-off.
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PRE-HARVEST-INTERVAL: French beans: 7 days, Coffee: 3 days

RE-ENTRY INTERVAL: 48 hours, unless wearing protective clothing.

RESISTANCE MANAGEMENT:

Use Fastac® 100 EC in alternation with other insecticides from different mode of action groups. Never treat 2 successive generations with products of the same mode of action.

SAFETY PRECAUTIONS:

No special measures necessary if stored and handled correctly. 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. Wear suitable gloves and eye/face protection.

STORAGE:

Keep away from food, drink and animal feeds. Keep out of the reach of children. Keep away from heat. Protect from direct sunlight. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up. Protect from temperatures below: 0 °C. The product can crystallize below the limit temperature. Protect from temperatures above: 30 °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, 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:

Do not breathe vapour/spray. 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: 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. Wear suitable protective equipment.

ENVIRONMENTAL HAZARDS:

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: Avoid contact with the skin, eyes and clothing. Take off immediately all contaminated clothing. Show container, label and/or safety data sheet to physician. 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).

If Inhaled: Keep patient calm, remove to fresh air and seek medical attention. Immediately administer a corticosteroid from a controlled/metered dose inhaler.

Skin contact: After contact with skin, wash immediately with plenty of water and soap.

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

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: Harmful by inhalation and if swallowed. Irritating to respiratory system and skin. Risk to serious damage to eyes. May cause sensitization by skin contact. Danger of serious damage to health by prolonged exposure if swallowed. May cause lung damage if swallowed.

Antidote: No specific antidote. Treat symptomatically.

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.

Fastac® 100 EC

MAPENDEKEZO YA UTUMIAJI:

Fastac® 100 EC ni dawa inayowaua wadudu kwa njia ya kugusa mwili au kuimeza. Kwa matokeo mazuri ipige dawa mapema mara wadudu wanapoonekana. Fastac® 100 EC inaangamiza mayai ya wadudu kabisa.

JINSI INAVYOFANYA KAZI:

Wadudu huuawa wakila majani yaliyonyunyiziwa na Fastac® 100 EC au mara tu wakiguswa na dawa mwilini. Fastac® 100 EC inauwezo wa kuwaua wadudu wazima, viwavi na kuzuia utengenezaji wa mayai ya wadudu. Alphacypermethrin ina uwezo pia ya kudhuru neva ya wadudu.

MAELEZO YA KUCHANGANYA:

Changanya kiasi cha Fastac® 100 EC kinachohitajika na maji kidogo ili kupata mkorogo uliyo mzito. Ongeza kwenye tanki la kunyunyizia. Ongeza Maji safi na uendelele kuchanganya na kutikisa hadi ifike kiwango kinachohitajika. Koroga vizuri-mnyunyizo wako ni tayari.

MAELEZO YA KUNYUNYIZA:

Inapendekezwa kunyunyiza dawa na lita 600 – 1000 za maji kwa hekta moja ukitumia pampu yenye midomo miwili ili dawa iweze kupenya katika mimea hasa wakati ambapo wadudu wamejiificha chini ya majani. Unaweza kunyunyiza kwa ndege mradi watu walio chini waepuke manyunyu ya dawa kwa kusimama mbali. Nyunyiza kiasi kisichopungua Lita 30 ya maji kwa hekta. Mtungi wa mgongo una matokeo bora hasa kwa maharagwe kwa sababu unatumia vipimo kiasi kidogo.

KIPIMO CHA KUTUMIA/MUDA WA KURUDIA

Mmea	Mdudu	Kipimo (L/Hekta)	Maelezo zaidi
Kahawa	Leaf Miner wa kahawa	Tumia kiasi cha mililita 80/hekta katika maji lita 600 – 1000 kwa hekta moja (au mililita 3 katika maji lita 20 kwa kiwango kidogo cha kunyunyiza mibuni 25)	Anza kunyunyiza dawa kila wakati wadudu wakionekana kwa mimea.
Maharagwe	Vithripi	Tumia kiasi cha mililita 120 katika lita 600 za maji kwa kila hekta moja (au mililita 4 katika lita 20 za maji kwa shamba dogo).	Inapendekezwa kupiga dawa mapema kabla wadudu hawajaenea ili kuangamiza mayai yanayoweza kuwemo. Kunyunyiza dawa kunategemea jinsi wadudu wanavyoenea.
Roses na 'carnations'	viwavi	Tumia kipimo cha lita 0.15 hadi lita 0.3 ya dawa kwa maji kiasi lita 1000 kwa hektari moja kulingana na wingi wa wadudu.	Anza kunyunyiza dawa kila wakati wadudu wa aina ya 'moths' wakionekana kwa mimea. Hakikisha vichwa vyote vya maua vimepata mchanganyiko wa dawa sawa.

MUDA SALAMA WA KUNGOJA KABLA KUVUNA: Maharagwe: Siku 7, kahawa- Siku 3
MUDA WA KUNGOJA KABLA KUIINGIA MAHALI PALIPONYUNYIZIWA DAWA: Masaa 48 ama kama uko na nguo za kujikinga.

UZOEFU WADUDU:

Kwa kuzuia uzoefu wa wadudu kutokana na mchanganyiko huu, viuadudu hivi na vingine vya kikundi kimoja na hiki vinapendekezwa visifuatanihshwe na mchanganyiko huu kwenye msimu mmoja.

TAHADHARI KWA MTUMIAJI:

Epuka dawa isikuguse kwa kuvaa mifuko mikononi (PVC gloves), koti refu (overall), viatu vya 'gumboots' kinga ya uso. Visafishe vyombo vyote vya kazi mara moja baada ya kuvitumia. Unapotumia dawa hii usile wala kunywa wala kuvuta sigara. Nawa mikono kwa maji na sabuni kabla ya kula kunywa au kuvuta sigara. Fua na kupiga pasi nguo zote za kujikinga kabla ya kuzitumia tena.

KUHIFADHI:

Weka dawa katika vyombo vyake bila kufunguliwa katika mahali pakavu pasipo na joto jingi mbali kabisa na watoto, watu wasioruhusiwa, mifugo, vyakula, mbolea na dawa za kwekwe. Hifadhi mahali palipo na joto isiyochini ya nyuzi -0 au zaidi ya nyuzi 30.

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 ulivyoolezwa hapo juu. Angalia usizushe vumbi. Pangusa dawa iliyomwagika na mchanga au vumbi inayopatikana wakati mbao inapopasuliwa. Safisha mahali palipomwagikiwa na dawa kwa maji mengi yaliyo na sabuni.

HADHARI KWA MAZINGIRA:

FASTAC® 100 EC ni sumu kwa jamii ya wanyama wa majini kama samaki, 'worms', vinyonga na 'daphnia'. Kwa hivyo imependekezwa kwamba watu wasichafue mito na visima vya maji, mabwawa au mifereji/mitaro kwa dawa hii au vyombo vyake.

HUDUMA YA KWANZA:

Ikiwa imeingizwa: Weka mgonjwa atulie, muke kwenye hewa safi na utafute matibabu. Mara moja mpatie 'corticosteroid' kutoka kwa chombo cha kuvutia dawa iliyodhibitiwa au kupimwa.
Kushikwa kwa Ngozi: Baada ya kuguswa na dawa kwa ngozi. Osha kwa maji mengi na sabuni.
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: Mara moja suza mdomo na kisha kunywa mililita 200-300 ya maji, tafuta matibabu.

PELEKA MJERUHI KWA DAKTARI.

MAELEZO KUHUSU SUMU:

Dalili ya kusumika: Kama ngozi ikiguvise: swa na dawa hii mtu anaweza kusikia mwasho au kufa ganzi hasa usoni. Hali hii humalizika baada ya masaa machache.
Kinga ya Hatari: Hakuna dawa maalum ya kinga.

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.



We create chemistry

ml
800

Fastac[®] 100 EC

700

Emulsifiable Concentrate
INSECTICIDE (KIADUDU)

GUARANTEE (DHAMANA):
Alphacypermethrin 100 g/l

COMMERCIAL AND AGRICULTURAL CLASS
(KUNDI LA KILIMO NA BIASHARA)

600

GROUP (KUNDI)	3A	INSECTICIDE (KIADUDU)
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Insecticide for the control of Cottony cushion scale and leaf miner control in coffee; Bean flower thrips control in French beans and caterpillars in roses and carnations.

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400

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

1 L

Net Content (Kipimo Kamili):

WHO Class II: Moderately Hazardous

300

200
ml



**HARMFUL
(HUDHURU)**



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(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) 0167

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NAIROBI
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Email: info.eastafrica@basf.com

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

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Protect to Provide
Membership Number: AAK/220
Nambari ya Usanachama: AAK/220



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