



We create chemistry

Fastac® 100 EC

Emulsifiable Concentrate
INSECTICIDE (KIUADUDU)

GUARANTEE/ DHAMANA: Alphacypermethrin 100 g/l
COMMERCIAL AND AGRICULTURAL CLASS (KUNDI LA KILIMO NA BIASHARA)

A broad spectrum 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)

Shelf life: Two years from the date of manufacture in tightly sealed original unopened containers under cool and dry storage conditions.
(Maisha Rafuti: Miaka miwili kutoka tarehe ya kutengenezwa ikiwa katika chombo chake asili kisichofunguliwa na ikiwekwa katika pahali pakavu pasipo na joto jingi).

In case of poisoning call Toll Free number 0800720021 / 0800730030 (24Hrs)
(Kukiwa na madhara piga nambari bila malipo 0800720021 / 0800730030 (Masaa 24)

WHO Class II : Moderately Hazardous

Net Content (Kipimo Kamili):

100 ml



HARMFUL
HUDHURU



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

REGISTRATION NO./ PCPB (CR) 0167
(NAMBARI YA USAJILI):

MANUFACTURER/REGISTRANT
(WATENGENEZAJI):
BASF SE, GERMANY

AGENT (AJENTI):
BASF EAST AFRICA LTD.
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)

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



Protect to Provide
MEMBERSHIP NUMBER AAK/220



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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/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 5 ml/20 l water for small scale use)	Ensure good coverage with fine droplets pulverization.

Crop	Target Pest	Rate (L/Ha)	Remarks
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.

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.

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

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:

Must be sent to a suitable incineration plant, observing local regulations. Contaminated packaging should be emptied as far as possible and disposed of the same manner as the substance/product.

ENVIRONMENTAL HAZARDS:

Very toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.

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.

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

Skin contact: After contact with skin, wash immediately with plenty of water, apply sterile dressings, and consult a skin specialist.

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. 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.

Poisoning Antidote: No specific antidote. Treat symptomatically.

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

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TAKE PATIENT TO DOCTOR

NOTICE TO USERS:

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 there to the buyer who 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:

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 kunyunyiza. Ongeza Maji safi na uendelee 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 wamejificha chini ya majani. Unaweza kunyunyiza kwa ndege mradi watu walio chini waepuke manyunyu ya dawa kwa kusimama mbali. Nyunyiza kiasi kisichopungua Lita 30/hekta. Mtungi wa mgongo una matokeo bora hasa kwa mboga 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 milimita 3 katika maji lita 20 kwa kiwango kidogo cha kunyunyiza mibuni 25)	Anza kunyunyiza dawa kila wakati wadudu wakionekana kwa mimea.

Mmea	Mdudu	Kipimo (L/Hekta)	Maelezo zaidi
Maharagwe	Vithripi	Tumia kiasi cha milimita 120 katika lita 600 za maji kwa kila hekta moja (au milimita 5 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 'camations'	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 24 ama kama uko na nguo za kujikinga.

UZOEFU WA WADUDU:

Kwa kuzuia uzoefu wa wadudu kutokana na mchanganyiko huu, viwadudu hivi na vingine vya kikundi kimoja na hiki vinapendekezwa visifuatanishwe 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.

DAWA IKIMWAGIKA:

Vaa mavazi ya kujikinga kama ulivyoielezwa 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.

UWEKAJI:

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 isiyo chini ya nyuzi -0 au zaidi ya nyuzi 30

KUTUPA MABAKI:

Osha chombo cha dawa mara tatu na umwage ule mwosho kwenya tanki lakunyunyizia. Haribu chombo cha dawa baada ya kuitumia dawa yote iliyomohalafu izike mahali pazuri mbali na mto kuambatana na sheria zilizoko.

HADHARI KWA MAZINGIRA:

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

MAELEZO KUHUSU HUDUMA YA KWANZA:

Kuguswa ngozi: Toa mavazi yaliyopatwa na dawa na usafishe ngozi vizuri kwa sabuni namaji

Kuguswa macho: Safisha macho vizuri na maji kwa dakika kumi na tano halafu muonedaktari.

Kumeza: USIMTAMPISHE mgonjwa. Tafuta matibabu kwa haraka.

MAELEZO KUHUSU SUMU:

Dalili ya kusumika: Kama ngozi ikiguswa 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: Dawa hii ina sumu ndogo sana ambayo haiwezi kumdhuru mtu. Mtibu mgonjwa kulingana na dalili za ugonjwa

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

PELEKA MJERUHI KWA DAKTARI

ILANI KWA WATUMIAJI:

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

THIBITISHO:

Dhamana ya Muuzaji ni maelezo yaliyo kwenye kibandiko ambayo ni lazima yafuatwekikamilifu. Mnunuzi lazima akubali hatari zozote zinazoweza kutokana na matumiziya dawa hii kwabinadamu au mali na lazima aikubali dawa hii katika hali hiyo



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