

General information: Kohinor 200SL is systemic insecticide for control of coffee leafminer (soil drenching) in coffee, for use on roses to control whiteflies, aphids and thrips and for use in agroforestry nursery and trees against termites and soil pest. Kohinor 200 SL can be applied to plants as a foliar spray, stem paint, basal stem spray or soil drench via drip irrigation. The soil application of Kohinor 200 SL (via drench and drip irrigation) is the safest method for reducing the impact on beneficial insects.

Mode of action: Kohinor acts by interfering with the transmission of nerve impulses in insects. It stimulates certain nerve cells by acting on a receptor protein of stomach poison with excellent systemic properties and a significant residual activity. After soil treatment via the irrigation system/soil drench. Kohinor 200 SL is taken up by roots and transported into the aerial parts of the plants (stems and leaves) by the sap flow. Soil pests are controlled through contact with the product.

Resistance Management: To prevent resistance alternation of Kohinor 200 SL with products with different modes of action is recommended. If one additional late season application is necessary for insect control, Kohinor 200 SL treatment should be followed with a product from another chemical class. In cases where more than two applications against one pest species are required, a block application of Kohinor 200 SL is recommended.

Directions for use: Application Rates, Timing and Methods

Crop	Insect pest	Application Rate	Timing/remarks
Coffee	Coffee leaf miner (Leucophaea meyricki)	1.5ml per litre of water per tree	Soil drench along the drip of each tree. Apply at the onset of rains or irrigate after application to facilitate uptake. It should be applied 6-8 weeks before the peak occurrence of the pest season. Pre-harvest interval - 35 days
	Fried egg scale (Aspidiotus spp)	3.0ml per litre of water per tree	
Roses	Aphids, whiteflies, thrips	Soil drench: 0.3-0.5 ml per 4lt. of water Foliar spray: 0.5ml per lt. of water 50ml per 100 lt. of water or 500ml per Ha 10ml per 20lt. of water	Apply at first signs of infestation through drip irrigation (soil drench). Apply at first signs of infestation as a full cover foliar spray. As ornamental species and varieties may differ in their sensitivity to chemicals, tolerance test should always be carried out before large scale application is undertaken
	Agroforestry, nurseries of trees	2.5ml per lt. of water per tree 25ml in 10lt. of water	Apply as soil drench in the nursery bed or tree around the tree base
Arbusts/ mounds	Termites	2.5ml per lt. of water or 25ml in 10lt. of water	Dive a rod into the anthill to clear the opening. Drench the mound with at least 10lt. of Kohinor 200 SL solution. The amount of solution depends on the size of the mound

Re-entry period: 6 hours.

Crop Tolerance: Kohinor 200 SL is well tolerated by all crops tested at the recommended rates when applied as soil or foliar treatment but users are advised always to check (or crop safety by treating a few plants first before large scale application is undertaken on ornamental crops.

Hazards / precautions

Handling: Wear protective clothing: overalls, footwear, gloves, face shield when using the product. Do not eat, drink or smoke when working with the product. Avoid, breathing the spray mist, contact with skin, eyes and clothing. Do not apply upwind and stay out of the spray mist.

After work: Wash hands before breaks and at end of work. Change clothes and wash hands and face with soap and water thoroughly. Wash the spraying equipment and any contaminated clothing carefully.

Storage: Keep out of reach of children. Store in tightly closed original container in a cool dry well ventilated place, under lock and key so that unauthorized persons do not have access. Keep away from food, drinks and animal feeding stuffs.

Disposal: Empty container completely. Triple rinse empty containers are drain the rinse water into spray tank and spray onto fallow (non crop) land. Puncture or crush rinsed container to make it unusable. Dispose of empty container in a landfill site approved for pesticides or bury away from water sources. Do not re-use empty container for any other purpose.

Accidental Release Measures: Wear protective clothing when dealing with spillage. Prevent entry into drains, water or soil. Soak up the spilled product with absorbent material - dry soil, sawdust or sand. Collect contaminated materials into closable marked container for safety. Clean spill area with water and place used cleaning materials into closable containers to avoid any contamination of water supplies, surface water and drains. Dispose of safely the spilled chemical. Consult the supplier/manufacturer where larger quantities of the product have to be disposed off or if safe disposal is not possible.

Environmental hazards: Kohinor 200 SL is toxic to bees. It applied as a soil drench there is no risk to bees or other beneficial insects. To avoid damage to bee populations, foliar treatments should not be applied during (lowering of the target crop. Aquatic organisms are not expected to be endangered when Kohinor 200 SL is used as recommended. Do not contaminate surface water and ditches with chemical or used container disposal.

First aid instructions: In case of suspected poisoning, remove the victim from the danger zone, remove contaminated or soaked clothing immediately. **Skin contact:** Wash the skin immediately with plenty of water and soap. **Eye contact:** Rinse eyes thoroughly with running water. **If inhaled:** Move the patient to fresh air. If the subject is not breathing, give artificial respiration, preferably mouth - to - mouth and call the doctor immediately. **If swallowed:** Seek medical advice immediately.

Toxicological information

Symptoms of Poisoning: Symptoms of poisoning are similar to those caused by nicotine poisoning and include apathy, my atonia, difficult breathing, and tremor. **Antidote:** There is no known specific antidote.

Treatment: Treat symptomatic and supportively to reinforce breathing and heart activity.

Additional therapeutic measures may be elimination of the active ingredient from the body or acceleration of excretion through use of gastric lavage, saline laxatives, and activated charcoal. **Contra-Indications:** Do not give milk and alcoholic drinks which favour absorption

In case of emergency call toll free number: 0800720021/0800730030 (24hrs)

Notice to users: This pest control product is to be used only in accordance with the directions on the 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 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.



Kohinor®

200SL



An insecticide for control of coffee leafminer (soil drenching) in coffee, for use on roses to control whiteflies, aphids and thrips and for use in agroforestry nursery and trees against termites and soil pest (Kiua dudu iliyo na utaratibu wa kupenya inayotumika kwa kahawa, mapambo na miti/ miche)

COMMERCIAL & AGRICULTURAL CLASS.

(KUNDI LA BIASHARA NA KILIMO.)

GUARANTEE (DHAMANA):

Imidachloprid.....200g/l

REGISTRATION NO.

(NAMBARI YA USAJILI):

PCPB (CR) 0448

READ THE LABEL BEFORE USING

(SOMA KIBANDIKO KABLA YA KUTUMIA)

KEEP OUT OF REACH OF CHILDREN

(FUNGIA MBALI NA WATOTO)

In case of Emergency call toll free No. (Kwa hali ya Dharura piga simu bila malipo): 0800720021 / 0800730030 (24hrs / masaa 24)

Member Of Agro Chemical Association Of Kenya Registration Number: AAKC 219

Warning (Ilani)
Very toxic to aquatic life, may cause long term adverse effects in the aquatic environment

Distributor / Wasambazaji:
Amiran Kenya Ltd.
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www.amirankenya.com

Manufacturer / Watengenezaji:
Adama Makhteshim Ltd, Israel

WHO CLASS II

Net Contents / Ujazo **1Lt**



Maelezo ya kawaida

Dawa iliyo na utaratibu wa kupenya na kuingia kwenye mimea na kuwaua wadudu wa aina ya "Coffee Leaf Miner" kwa Kahawa, "Whiteflies, Aphids, Thrips" kwa mapambo na mchwa kwenye miche na miti

Inavyo fanya kazi: Kohinor 200SL hufanya kazi kiutaratibu kwa kusababisha hitilafu kwenye navu za wadudu na kusumisha tumbo. Baada ya kunyunyuzia kwenye udongo, Kohinor hufunzwa kwa mizizi na kuenezwa kwenye sehemu zote za mimea. Hudhibiti wadudu kwenye udongo kwa mguso.

Kuzuia Upinzani: Utumiaji wa dawa hii ni lazima ubadilisiwe na madawa mengine ya kuangamiza wadudu ili kuzuia dawa ya Kohinor 200SL isipoteze nguvu za kuwagamiza wadudu waharibifu. Kama kutahitajika kutumia dawa mara nyingine baada ya kinyunyuzia Kohinor 200 SL, mtumiaji anahimizwa atumie dawa nyingine ya kikundi tofauti au ambayo hufanya kazi kwa njia tofauti na Kohinor 200 SL.

Mapendekezo ya matumizi:

Mmea	Wadudu	Vipimo vya kutumia	Wakati unaoafaa
Kahawa	Coffee leaf miner (Leucophaea meyricki) Fried egg scale (Aspidiotus spp)	Mililita 1.5 kwa lita ya maji kwa mti mmoja Mililita 3.0 kwa lita ya maji kwa mti mmoja	Tumia limesha kwenye mchanga kwa kutumia wakati msimu wa mvua unapooza au unyunyuzie maji baada ya kutumia dawa. Ni lazima dawa itumie wiki 6-8 kabla ya msimu wa wadudu kuanza. Usivune mazao kabla ya siku 35 baada ya kutumia dawa
Wairidi	Aphids, whiteflies, thrips	Kulowesha mchanga: mililita 0.3-0.5 kwa lita 4 za maji Kunyunyuzia: Mililita 0.5 kwa lita ya maji, mililita 50 kwa lita 100 za maji au mililita 500 kwa hekta mililita 10 kwa lita 20 za maji	Tumia drip wakati kuna dalili za kufamiwa na wadudu. Nyunyuzia kwa mimea wakati unapooza dalili za kufamiwa na wadudu. Mtumiaji anahimizwa afanye jaribio la usalama kwenye sehemu ndogo kabla ya kutumia kwenye shamba lote
Miti iliyo shambani na miche iliyo kizuwa	Wadudu walio kwenye mchanga, mchwa	Mililita 2.5 kwa lita ya maji au mililita 25 kwa lita 10 za maji	Tumia kwa kulowesha kwenye mchanga mahali miche imepandwa
Mahali mchwa umejenga	Mchwa	Mililita 2.5 kwa lita ya maji au mililita 25 kwa lita 10 za maji	Vunja mahali mchwa umejenga kisha umwagilie lita 10 za mchanganiko wa dawa na maji. Kwenga cha mchanganiko wa dawa na maji kikatagesemba ukubwa wa mahali mchwa umejenga

Muda salama kuingia shamba iliyonyunyuziwa: Baada ya masaa 6 **Hatari na tahadhari**

Matumizi: Vaa mavazi ya kujikinga, vizuizi vya mikono na uso na viatu visivyopimwa maji unapotumia dawa hii, Jiepushe naukungu wa dawa, jihadhari mchanganiko wa kunyunyuzia usimwagikie kwenye ngozi, usiingie kwenye macho au kumwagikia nguo ulizovalia. Usinyunyuzie dawa ikielekea upande upepo unakotoka. Usivute sigara na usile wala kunywa wakati unapotumia dawa hii. Baada ya kazi, yua nguo na unawe mikono na uso ukitumia maji na sabuni. Osha bomba la kunyunyuzia dawa na nguo zilizomwagikiwa na dawa kwa uangalifu.

Kuhifadhi: Hifadhi dawa hii katika chombo chake asili ambacho kimefunikwa sawa sawa na kuwekwa mahali pakavu na pasipo na joto, mbali na watoto, watu wasiyoruhusiwa, vyakula, maji na vyakula vya mifugo.

Utupaji: Suza mkoba ulioisha dawa na maji mara tatu, kisha utoboe na ubonyeze na utupilie au uzike mahali ambapo pameidhinishwa mbali na maji. Usitumie mkoba wa dawa kwa matumizi mengine yoyote. Mchanganiko wa dawa na maji ambao haujatumiwa au maji yaliyoosha vyombo ni lazima itupiliwe mbali mahali ambapo ni salama panapokubaliwa, na mbali na chemi chemi ya maji au kwa kunyunyuzia sehemu ya shamba ambayo hajalimwa.

Dawa Ikimwagika au Kuvuja: Dawa ikuvuja, ilowesha kwa sehemu ndogo ya mchanga au 'sawdust' kisha utungie mahali ambapo ni salama kabla ya kitupilia mbali mahali ambapo pameidhinishwa. Iwapo kiasi kikubwa cha dawa kimevuja, unapaswa uripoti kwa wasambazaji au vizara ya mazingira ili upate usaidizi.

Madhara kwa mazingira: Kohinor 200 SL ni sumu kwa nyuki. Lakini kwa vile dawa hii inaloweshwa kwenye mchanga, hakuna uwezekano wa dawa kudhuru nyuki na wadudu wengine wenye manufaa kwa binadamu. Mnyunyuziaji anahimizwa asinyunyuzie dawa hii kwa mimea ambayo imetoa madau. Vilevile, ingawa dawa hii ni sumu kwa samaki na viumbe vingine vinavyo ishi kwenye maji haiwezi kudhuru hizi viumbe kama itatumwa kulingana na maagizo yaliyo kwenye kibandiko. Usichafue mazingira kwa kumwaga mabaki ya dawa, kutupa au kusunza mkoba wa dawa kwa miti, visima au idimbiwi na chemchemi.

Maelezo ya huduma ya kwanza: Ikimwagikia ngozi: Vaa nguo nguo zilizopata dawa na uoshe ngozi iliyopata dawa mara moja kwa maji vungi na sabuni. **Ikingia kwa macho:** osha na maji mengi yanayotiririka na kisha umuone daktari kwa mawaidha zaidi. **Ikiwutwa:** Peleka mhasiriwa mahali palipo na hewa safi ya kutosha.

Ikimezwa: Pata ushauri wa daktari haraka **PELEKA MJEKURUHIWA KWA DAKTARI.**

Maelezo kuhusu sumu

Tiba: Tibu mgonjwa kulingana na dalili za ungonjwa.

Tahadhari: Usimpatie mgonjwa mazwiwa au vinywaji vingine vyenye kuleweshwa. **Wakati wa Dharura piga simu bila malipo (Masaa 24): 0800720021/0800730030**

Ilani kwa mtumiaji: Dawa hii sharti itumie kulingana na maagizo yaliyo kwenye kibandiko. Ni hatia chini ya sheria za madawa ya kuangamiza wadudu waharibifu kutumia au kuhifadhi dawa hii katika hali isiyosalama.

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