

GENERAL INFORMATION

KALIF 480EC is a early pre plant, pre emergence and early post emergent herbicide used for control of annual grasses, sedges and broadleaved weeds in Rice.

MODE OF ACTION:

KALIF 480EC can be applied as early pre plant, pre emergence or pre plant incorporated Herbicide. Kalif 480EC is absorbed by roots and emerging shoots, it is translocated from the xylem into the foliage. It inhibits the biosynthesis of the enzyme phytoene desaturase, which takes part in the carotenoid synthesis pathway. The photosynthetic pigment in the sensitive plant are inhibited, the plant is bleached white and eventually dies.

DIRECTIONS FOR USE:

CROP	WEEDS	RATES & APPLICATION TIMING
Rice	<i>Cyperaceae difformis, Echinochloa cruschallii, digitaria ciliaris, scirpus juncoideus, monochoria vaginalis</i>	pre emergence or early post emergence 1L/Ha, 160ml/20L. A minimum spray volume of 120L/Ha

APPLICATION INSTRUCTION: Transplanted rice after 4 weeks (2-4 leaf stage) water is drained and application of the herbicide is done. A 2 day is followed and the field is flooded again. On direct seeded rice a pre-emergence application is done on wet soil and flooding is done.

Soil incorporation Applications

Shallow incorporation normally results in better weed control than deep incorporation. Incorporate to a depth of no more than 8cm. On dry soil, incorporate within 8 hours of application. On wet soil, incorporate immediately

Hazards/Precautions

This product is very toxic when swallowed, inhaled or absorbed through the skin. May cause irritation of the skin, eyes, and mucous membranes and may cause skin sensitisation.

Handling

Wear suitable protective clothing, gloves, face shield/safety goggles and respirator when preparing the spray mixture and in addition impermeable boots when spraying. Avoid, breathing the spray mist, contact with skin, eyes and clothing. Do not apply upwind and stay out of the spray mist. Do not smoke, drink or eat while handling the product.

After work

Change protective clothing and wash hands thoroughly with soap and plenty of water. Wash the spraying equipment and the contaminated clothing carefully.

Storage

Store in tightly closed (or sealed) original pouch, in a cool dry place out of reach of children and unauthorised persons, away from food, drinks and animal feed.

Disposal

Dispose off by triple rinsing and crushing or perforating empty containers and throwing them away in an authorised landfill site or bury in a safe place away from water supplies. Do not re use empty containers for any other purpose.

Pesticide spray mixture or rinsate that cannot be used must be disposed off in a safe place where it cannot contaminate surface water and ditches or by spraying in a fallow land.

ENVIRONMENTAL HAZARDS:

Kalif 480EC is toxic to fish, other aquatic organism. It is harmful to birds, animals and relatively toxic to bees but due to the mode of application as drip/trickle irrigation, a hazard to bees is not to be expected. Do not contaminate ponds and waterways by direct application, cleaning of equipment, disposal of wastes and empty container. Keep livestock and wildlife out of treated areas. Do Not drain the paddy water within 10 days after application.

FIRST AID INSTRUCTIONS:

Ingestion: Never give anything by mouth to an unconscious person. Show this label to the doctor.

Inhalation contact: Remove from exposure area to fresh air immediately. Perform artificial respiration if necessary. Keep person warm and at rest. Obtain medical attention.

Skin Contact: Remove contaminated clothing and shoes immediately. Wash with soap or mild detergent and large amounts of water until no evidence of chemical remains. Get medical attention immediately.

Eye Contact: Wash eyes immediately with large amounts of water or normal saline, occasionally lifting upper and lower lids, until no evidence of a chemical remains

TOXICOLOGICAL INFORMATION: symptoms of poisoning: dizziness, drowsiness, disturbance in vision, eye, skin, mucous & respiratory irritation, vomiting after ingestion of this product may cause aspiration of aromatic hydrocarbons into the lungs, which may result in fatal pulmonary.

Antidote: There is no known specific antidote

Treatment: Treat symptomatically.

In case of an emergency call toll free lines 0800720021, 0800730030(24hrs)

NOTICE TO USERS

This pest control product is to be used only in accordance with the directives on the label. It is **offence** under the pest control products act to use or store a pest control product under unsafe conditions.

WARRANTY

Sellers 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 in that condition.

Amiran Kenya Ltd

KALIF[®] 480 EC

HERBICIDE

EMULSIFIABLE CONCENTRATE

An early pre plant, pre emergence or early post emergence Herbicide for the control of grasses, sedges and broad leafed weeds in Rice.

kuia gugu kinachotumika kabla ya mmea kuota au muda usiomrefu baada ya kuota ili kudhibiti aina za kwekwe (nyasi, matawi mapana) kwenye mmea wa mchele.

COMMERCIAL & AGRICULTURAL CLASS.
KIKUNDI CHA BIASHARA NA KILIMO.

GUARANTEE (DHAMANA): Clomazone 480g/L
REGISTRATION NO.(NAMBARI YA USAJILI): PCPB(CR).....

READ THE LABEL BEFORE USING
(SOMA KIBANDIKO KABLA YA KUTUMIA)
KEEP OUT OF REACH OF CHILDREN
(FUNGIA MBALI NA WATOTO)

Shelf life: 2 years from date of manufacture when stored in original unopened container in a cool dry place.
(Maisha rafuni: Miaka 2 baada ya kutengenezwa kama imewekwa kwenye chombo chake halisi ambacho hakijafunguliwa mahali pakavu pasipo na joto nyingi)

(HIGHLY IRRITANT TO EYES)

Emergency toll free lines
(Wakati wa Dharura piga simu bila malipo):
0800720021/ 0800730030
(24 hrs/masaa 24)



Net contents (Kiasi)

1 Lt

Expiry date:..... (Tumia kabla ya)	Batch No: (Nambari ya kifurusi)	Date of Manufacture:..... (Tarehe ya kuten)
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Distributor/Wasambazaji:

Amiran Kenya Ltd
OLD AIRPORT NORTH ROAD
P.O. BOX 30327, NAIROBI
TEL: 02 824840-6,
FAX: 02 824856/7

Manufacturer/Watengenezaji:

Agan Chemical Manufacturers, Ltd
Northern Industrial Zone, Israel.
P.O BOX 262
TEL: 972-8-6280304,
FAX: 972-8-6280304/6296602

WHO CLASS II



MAELEZO: Kalif 480EC ni dawa ya kuzuia kwake zenye aina ya nyasi na matawi mapana kwenye mmea wa mchele.

Inanyofanya Kazi:

Kalif 480EC inaweza kunyuniyiziwa kabla ya kupanda au kabla ya mimea kuota. Kalif 480EC ufyoza na mizizi na matawi ya kwekwe zinazoota mimea iliyoguzwa na Kalif 480EC uonekana na madodoa

MAPENDEKEZO YA MATUMIZI:

MMEA	KWEKWE	KIWANGONA WAKATI WA MATUMIZI
Mchele	<i>Cyperaceae difformis, Echinochloa cruschallii, digitaria ciliaris, scirpus juncoideus, monochoria vaginalis</i>	Kabla ya mimea kuota au muda usiomrefu baada ya kuota : Lita 1 kwa hekta/ mililita 160/Lita 20 za maji

Maelezo ya Matumizi:

Mpunga uliohamiswa kwa shamba, baada ya wiki 4 maji utolewa na kuia gugu kunyuniyiziwa. Baada ya muda wa siku 2 maji yanarudishwa kwa shamba tena. Kwa mpunga unopandwa kwa mbegu dawa unyuniyiziwa kabla mpunga kuota kisha maji kutiwa kwenye shamba.

Kuchanganya na Mchanga

Kuchanga kwa dawa na udongo kijiujuu uleta matokeo ya kuimarika kuliko. Changanya na mchanga kwa urefu usiozidii centimita 8. Kwenye mchanga uliyo mkavu changanya baada ya masaa 8 ya kunyuniyiziwa. Kwenye mchanga uliyo na uyevyunyevu channanya moja kwa moja.

TAHADHARI

Matumizi

Vaa ngao la kujikinga, viatu, vizuizi vya mikono na osho (face shield) na chombo maalum cha kupumua unapotarisha mchanganyiko wa dawa na maji na unaponyuniza dawa. Jihadhari usipumue mvuke wa dawa, mchanganyiko wa dawa usingie kwenye macho au kumwagikia ngozi na nguo ulizovalia. Usinyunizie dawa hii ukielekea upande upepo unakotoka. Usivute sigara, usile na usinywe wakati unapotumia dawa hii.

Baada ya kazi

Vua nguo za kazi na vizuizi vya kujikinga, osha mikono na uso kwa kutumia sabuni na maji.

Safisha bomba la kunyuniyiziwa dawa na mavasi yaliyomwagikiwa na dawa kwa uangalifu.

Kuhifadhi

Hifadhi dawa hii katika chombo chake halisi ambacho kimefunikwa na kuwekwa kwenye mahali ambapo ni salama, mbali na watoto, watu wasioruhusiwa, vyakula, maji na vyakula vya mifugo.

Utupaji

Safisha mkoba wa dawa iliyoisha kwa kusunza mara tatu kisha utoboe au ubonyeze na utupilie au uzike mbali na maji.

Usitumie mkoba wa dawa kwa matumizi mengine yoyote. Mchanganyiko wa dawa ambao haujatumiwa au maji yaliyoisha mkoba wa dawa ni lazima yatupiliwe mahali ambapo ni salama, panapokubaliwa, na mbali na mito, visima au vidimbwi na chemichemi au kunyuniyiziwa mahali ambapo hapajalimwa.

MADHARA KWA MAZINGIRA

KALIF 480EC ni sumu kwa samaki, viumbe vingine vinavyo ishi kwenye maji na nyuki. Inaweza kudhuru ndege na wanyama. Usichafue mazingira kwa kunyuniyiziwa, kumwaga mabaki ya dawa, kutupa, au kusunza mkoba wa dawa kwa mito, visima au vidimbwi na chemichemi. Usinyunizie dawa hii wakati nyuki wanatembelea maua. Usiruhusu mifugo na wanyama wa pori kuingia mahali dawa hii imenyuniyiziwa. Usitoe maji katika mpunga kabla ya siku 10.

MAELEZO YA HUDUMA YA KWANZA

Ikipumuliwa: Toa mhadhiriwa mahali penye hatari na umpumzishie mahali ambapo ni salama.

Kama mjeruhi anashida ya kupumua, msaidie apumue, kisha umpeleke kwa daktari.

Ikimwagikia ngozi: Vua mavazi ya kujikinga na uoge kwa kutumia maji safi na sabuni. Iwapo maumivu itaendelea, muone daktari. **Ikingia kwa macho:** Fungua macho na uyasafishe kwa maji safi yanayotiririka kwa muda wa dakika 15. Iwapo maumivu itaendelea, muone daktari.

Ikimeweza: Usimfanye mgonjwa aliye katika hali maututi kutapika. Muoshe mdomo, kisha umuone daktari.

MAELEZO KUHUSU SUMU: dalili ya kusumika; kuwashwa kwa ngozi. Kiwango kikubwa cha sumu huadhiri central nervous system

Tiba: Haina tiba maalum. Tibu mgonjwa kulingana na dalili za maumivu.

Kama kuna udhuru/hatari kutokana na utumizi wa dawa hii piga simu hizi bila malipo **0800720021/0800730030(masaa ishirini na nne)**

ILANI KWA MTUMIAJI

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

THIBITISHO

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