DESCRIPTION: **Clodex 100EC®** is a post-emergence herbicide for the control of annual grasses in wheat fields.

Mode of action: Post emergence systemic grass herbicide. It is readily absorbed and ceases active growth of weeds within 48 hrs of application. The safener prevents phytotoxicity by accelerating metabolism.

Chemical family: Aryloxyphenoxy propionate

Mixing instructions: Half-fill the spray tank with water. Add the required amount of **Clodex 100EC®**. Fill the water to the required level and continue with stirring or agitation until the mixture is thoroughly uniform.

Directions for use:

Crop	Weed	Application Rate	Timing and frequency of application
Wheat	Annual grass weeds	1L/Ha using 200L of water; 100ml/20L of water	Apply after wheat has reached 3 leaf stage and when majority of grass weeds have emerged and are actively growing. E.g. under warm moist conditions. Do not apply if rainfall is expected within 2 hours of application. Apply once 6 weeks after seeding.

Re-entry interval (REI): 12 hours

Pre-harvest interval (PHI): **39 days on wheat**

Resistance Management: Repetitive/continual use of **Clodex 100EC®** can lead to pesticide resistance. It is recommended that **Clodex 100EC®** is alternated with pest control products with a different **MODE OF ACTION** as well as adhere to good farming practices.

HAZARDS/PRECAUTIONS:

Handling: Harmful if inhaled, swallowed or in contact with skin. Irritating to eyes, skin and respiratory system. Wear suitable protective clothing, gloves, impermeable boots, face shield or safety goggles and respirator during application and cleaning of equipment. 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: Remove protective clothing and wash skin thoroughly with soap and plenty of water. Wash the spraying equipment and the contaminated clothing carefully before re-use.

STORAGE: Store in its tightly (or sealed) original container, in a cool dry well-ventilated place out of reach of children and unauthorized persons. Keep away from food, drinks and animal feeds. **DO NOT** use or store near heat or open flame.

DISPOSAL: Triple rinse empty container and add washings/rinse off to spray mixture, then perforate or puncture holes on empty containers/sachets and deliver them to an authorized county designated collection centre. Do not pour rinsate into any drain or on any site in close proximity to human or animal habitation, water sources, waterways or water bodies. **Do not re-use empty pesticide containers for any other purpose.**

Accidental release measures: Keep people away from the spill area. Use personal protective equipment when cleaning up the spill. Do NOT wash away into sewer. Do NOT let this chemical enter the environment. Pour the contents of leaking container into an empty container that originally held same product or put leaking container into a larger, clearly labeled container. Absorb liquid pesticides by covering the spill with absorbent materials, such as sawdust, clay or kitty litter.

ENVIRONMENTAL HAZARDS: **Clodex 100EC®** is highly toxic to fish and aquatic organisms. **Do not** contaminate ponds and waterways by direct application, drift, cleaning of equipment or disposal of waste and empty containers. Hazardous to animals. Keep away from animals, do not graze in sprayed areas.

FIRST AID INSTRUCTIONS

Eye contact: Hold eye open and rinse slowly and gently with plenty of water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Do not give any liquid to the person. **DO NOT** induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If inhaled: Move affected person to fresh air. If breathing is difficult, call an ambulance then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

SEEK MEDICAL ATTENTION IMMEDIATELY

TOXICOLOGICAL INFORMATION: Harmful if inhaled, swallowed or in contact with skin.

Symptoms of poisoning: Irritating to eyes, skin and respiratory system. May cause an allergic skin reaction. Vapors may cause drowsiness and dizziness. May be harmful if swallowed and enters airway.

Antidote: There is no specific antidote if this product is ingested.

Note to physician: Treat symptomatically.

IN CASE OF POISONING CALL TOLL FREE EMERGENCY No.: 0800 72 00 21 / 0800 73 00 30 (24Hrs).

NOTICE TO USER: 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 (Cap 346) 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.

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

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

CLODEX 100EC®

HERBICIDE (KIUA GUGU) — **Emulsifiable Concentrate**

Post-emergence herbicide for control of annual grass weeds in wheat.
(Kiua gugu cha kudhibiti nyasi kwa mimea ya ngano)

GUARANTEE (DHAMANA):
Clodinafop-propargyl 100 g/L

COMMERCIAL AND AGRICULTURAL CLASS
(KUNDI LA BIASHARA NA KILIMO)

REGISTRATION No. (NAMBARI YA USAJILI):
PCPB(CR)1157

Shelf life: 2 years from date of manufacture when stored in its original unopened container in a cool dry well-ventilated place. (**Maisha rafuni**: Miaka 2 baada ya tarehe ya kutengenezwa inapohifadhiwa kwenye chombo chake asili, kisichofunguliwa na kuwekwa pahali pakavu mbali na joto, na penye hewa safi.)

Date of Manufacture:
(Tarehe ya kutengenezwa)
Expiry date:
(Tumia kabla ya)
Batch No.:
(Nambari ya kifurushi)

Member of Agro Chemical Association of Kenya Registration Number. AAK. 102

IN CASE OF POISONING, CALL TOLL FREE EMERGENCY No. (WAKATI WA KUSUMIKA, PIGA NAMBARI YA DHARURA BILA MALIPO): 0800 72 00 21 / 0800 73 00 30 24 Hrs (Masaa 24)

Manufactured for (Imetengenezewa):
Sineria

Sineria Holland BV
Randwycksingel 20-A015
6229 EE Maastricht,
The Netherlands
www.sineria.com
Tel: + 31 (0) 43 204 112 0

Distributor (Wasambazaji):
TWIGA CHEMICALS

TWIGA CHEMICAL INDUSTRIES LTD
P.O. Box 30172 GPO, 00100
Nanyuki Road - Industrial Area,
Nairobi, Kenya
+254 20 394 2000
www.twigachemicals.com

Net Content (Ujazo):
1 L

Clodex 100EC is a registered trademark of Sineria Kenya Ltd

WHO CLASS III (Slightly hazardous)

18WBBF

MAELEZO: **Clodex 100EC®** ni kiua gugu kinachodhibiti nyasi katika mimea ya ngano.

Jinsi inavyofanya kazi: **Clodex 100EC®** hufyonzwa na kuzuia ukuaji wa kwekwe kati ya masaa 48.

Kikundi cha kemikali: Aryloxyphenoxy propionate

Maelezo Ya Kutumia: Tia maji kwenye tenki hadi katikati kisha uongezee kiasi cha **Clodex 100EC®** kinachohitajika. Ongeza kiasi cha maji kilichosalia kisha uchanganye kwa kutikisa.

Maelekezo ya matumizi:

Mmea	Magugu	Kiwango cha matumizi	Wakati na mzunguko wa matumizi
Ngano	Nyasi	Lita 1/Ha kwa lita 200 ya maji; Mililita 100 kwa lita 20 ya maji	Nyunyizia dawa wakati ngano inafikia hatua la 3, magugu yanapochipuka na inakua kwa kasi kama vile kwa hali ya unyevu. Usinyunyizie dawa ikiwa mvua inatarajiwa kunyesha kati ya masaa 2 baada ya kunyuyizia dawa. Nyunyiza dawa mara moja baada ya kupanda.

Muda salama wa kusubiri kabla ya kuingia mahali Clodex 100EC® imepigwa: Masaa 12

Muda wa kusubiri kabla ya kuvuna: **Siku 39 kwa mimea ya ngano.**

Kudhibiti ukinzani: Badilishana na dawa zingine zinazodhibiti nyasi kwa njia mbadala ili kuzuia ukinzani.

HATARI/TAHADHARI:

Matumizi: Ni hatari ikipumuliwa, ikimezwa au ikifyonzwa kupitia ngozi. Husababisha muwasho kwenye macho, ngozi na njia ya kupumua. Valia nguo za kujikinga kama vile, overoli, glovu, buti, kinga ya uso au miwani na chombo maalum cha kupumua unapotumia bidhaa hii na unapoosha vifaa vya kunyunyizia dawa. Epukana na kupumua mvuke na uguzaji wa bidhaa hii kwenye ngozi, macho na nguo. Epukana na kuelea kwa mazao lishe jirani. Epukana na kukaa kwenye wingu la dawa. Usile, usinywe wala kuvuta sigara unapotumia bidhaa hii.

Baada ya kazi: Vua nguo na uoshe ngozi kwa maji mengi na sabuni. Osha vifaa vya kunyunyizia dawa na nguo za kujikinga kwa makini kabla ya kuzitumia upya.

UHIFADHI: Hifadhi katika chombo chake chake halisi kisichofunguliwa, mahali pakavu na tulivu na pasipo na joto jingi. Weka mbali na watoto, vyakula na vyakula vya mifugo.Usitumie au kuhifadhi karibu na moto.

KUTUPA: Safisha chombo tupu kwa kusunza mara tatu na kuongeza maji haya kwenye mchanganyiko wa dawa, kisha toboa au kuharibu chombo/mfuko tupu na kukipeleka katika kituo cha ukusanyaji kilichoidhinishwa cha kaunti. Usimwage maji haya katika mifereji yoyote au katika maeneo yaliyo karibu na makao ya kibinadamu au wanyama, vyanzo, mito au miili ya maji. **Usitumie tena vyombo tupu kwa madhumuni mengineyo.**

Kuvuja na kumwagika kwa dawa: Weka watu mbali na maeneo yaliyomwagikiwa na dawa. Valia nguo za kujikinga unaposafisha. Usimwage maji haya katika mifereji ya maji taka. Usiruhusu kemikali hii kuingia katika mazingira. Mwaga mabaki yaliyomo katika chombo kinachovuja kwenye chombo tupu ambacho hapo awali kilikuwa na bidhaa hii au weka chombo kinachovuja katika chombo kikubwa kilicho na kibandiko. Fyonza dawa iliyomwagika kwa kutumia na machujo ya mbao, udongo au takataka ya paka.

ADHARI KWA MAZINGIRA: Ni sumu hatari kwa samaki na viumbe vinanyoishi majini. Usichafue mikondo ya maji kwa kunyunyizia moja kwa moja, kuelea, kusafisha vifaa au utupaji taka na vyombo tupu. Ni sumu hatari kwa wanyama. Weka wanyama mbali na sehemu zilizonyunyiziwa dawa.

MAELEZO YA HUDUMA YA KWANZA:

Ikiingia machoni: Tiririsha kwa maji mengi ukiwa umeyafumbua macho kwa dakika 15-20. Vua miwani aina ya contact lenses ikiwa mwathiriwa amevaa baada ya dakika 5 za kwanza za kutiririsha na uendelee kusuuza. Tafuta ushauri wa daktari au kituo cha kudhibiti sumu.

Ikigusa ngozi: Vua nguo zilizomwagikiwa na dawa kisha uoshe sehemu iliyoathiriwa kwa maji mengi na sabuni angalau kwa dakika 15-20. Tafuta ushauri wa daktari au kituo cha kudhibiti sumu.

Ikimezwa: Tafuta ushauri wa daktari au kituo cha kudhibiti sumu. Usimpe mwathiriwa kioevu. Usimlazimishe mwathiriwa kutapika ikiwa hujashauriwa na daktari. Usimpe chochote aliyepoteza fahamu.

Ikipumuliwa: Mpeleke mwathiriwa mahali atakapopata hewa safi. Tafuta ushauri wa daktari au kituo cha kudhibiti sumu. Msaidie kupumua ikiwa ana shida ya kupumua.

PELEKA MJERUHI KWA DAKTARI

MAELEZO KUHUSU SUMU: Ni sumu hatari ikipumuliwa, ikimezwa au ikifyonzwa kupitia ngozi.

Dalili za kusumika: Husababisha muwasho kwenye macho ikiingia machoni, kwenye ngozi ikigusa ngozi au kwenye mfumo wa kupumua ikipumuliwa. Husababisha athari ya ngozi ya mzio. Ikipumuliwa, husababisha usingizi na kizunguzungu. Ni hatari ikimezwa na kuingia kwenye mfumo wa kupumua.

Tiba: Haina tiba maalum ikimezwa.

Kidokezo kwa daktari: Tibu kulingana na dalili.

WAKATI WA KUSUMIKA PIGA SIMU BILA MALIPO KWA NAMBARI: 0800 72 00 21 / 0800 73 00 30 (Masaa 24)

ILANI KWA MTUMIAJI: Dawa hii sharti itumiwe kulingana na maagizo yaliyo kwenye kibandiko. Ni hatia chini ya sheria za madawa ya kuangamiza wadudu waharibifu (Cap 346) kutumia au kuhifadhi dawa hii katika hali isiyo salama.

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