

FMC

Rugby® 100ME

Nematicide/insecticide

SOLVENT-FREE LIQUID FORMULATION CONTAINS CADUSAFOS, ORGANOPHOSPHORUS COMPOUND

A broad spectrum nematicide for the control of plant parasitic nematodes on ornamental crops applied through the drip/trickle irrigation system. Rugby ni dawa yenye uwezo wa kupenya na kuingia ndani ya mimea na kuzuia aina nyingi ya nyungunyungu kama vile nematode katika maua.

GUARANTEE: Cadusafos 100 g/l

**COMMERCIAL AND AGRICULTURAL CLASS
REGISTRATION NUMBER : PCPB (CR) 0797**

Shelf life: 2 years in original unopened container stored in a cool, dry, well ventilated place.

Maisha Rafuni: Miaka 2 ndani ya chombo chake asili kilichofungwa kwenye pahali pakavu na pasipo na joto.

Distributed by: Juanco SPS LTD

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**READ THE LABEL BEFORE USING
SOMA KIBANDIKO KABLA YA KUTUMIA
KEEP LOCKED UP AND OUT OF REACH
OF CHILDREN
WEKA MBALI NA WATOTO**

**IN CASE OF EMERGENCY
CALL TOLL FREE NOS.
0080720021 OR
00800730030 (24HRS)
PIGA SIMU YA DHARURA KWIA:
00800720021 AMA
008007300030 (MASAA 24)**

**MEMBER OF
AGROCHEMICAL
ASSOCIATION OF KENYA
A.A.K NO 273**



10054902,XXXXXX,KENYA

NET CONTENTS / KIASI: **20L**

WHO Class II - moderately hazardous



HARMFUL

**FMC**

Registrant/Manufacturer: FMC Corporation
Agricultural Products Group, 1735 Market Street
Philadelphia, PA 19103, USA

Batch No: See print on packaging (Nambari ya furushi)

Date of Manufacture: See print on packaging (Tarehe ya kutengenezwa)

	FILL IN		DIMENSIONS (WXH)
Country	Kenya	Single label	x
Product SKU	10054902	Base for Booklet	x
Product SKU Description	RUGBY,100ME,20 LT,E,0#Juanco,Kenya NPF	Booklet	146 x 165 mm
Label SKU	n/a	Number of pages (Booklet)	4 pages
Label SKU Description	E,Rugby,100ME,20L,E,0#KE,S/F,r1	Carton label	x
Label SKU (earlier version(s))	15079663	Preprinted Material	x

READ THE LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN
HANDLE WITH CARE

In case of accident or if you feel unwell, seek medical advice immediately and show this label where possible.

GENERAL INFORMATION:

Cadusafos – the active ingredient of Rugby 100 ME is a broad-spectrum nematicide belonging to the group of organophosphates. Rugby 100 ME effectively controls a wide range of plant parasitic nematodes and especially the root knot nematode (*Meloidogyne* spp) on a variety of ornamental and other crops. Rugby 100 ME controls all nematode stages (Nematode eggs, Nematode larvae) providing complete root protection. A protection of the crop plants is achieved after soil application mainly by the contact action of the active ingredient against nematodes and also by ingestion. Rugby has no systemic activity. Moist soil or irrigation is required to activate Rugby 100 ME. Rugby has medium to low solubility in water and when it is applied to the soil, the active ingredient (Cadusafos) moves slowly and is diffused with the help of the irrigation water to the soil where it is attracted and absorbed by the soil colloids near the root zone. The nematicidal activity of Rugby 100 ME can last for 3 – 4 months depending on soil type.
 Pre-harvest interval (PHI): 3 days
 Re-entry period: 12 hours

DIRECTIONS FOR USE

Use only as directed.

ORNAMENTALS

Application recommendation

Rugby can be applied at the establishment of the plants in the field (new plantings pre-transplant) or during the life cycle (established plants)

Application rate: 30 litres of Rugby 100 ME per hectare.

Method of application: Rugby 100 ME should be applied through a drip/trickle irrigation system.

New planting – pre transplant:

If soil is dry, irrigate 1 or 2 days prior to the application of Rugby. Drip irrigate 1 hour before Rugby application. Apply Rugby for 15 – 30 minutes. Continue irrigation for 1 hour on sandy soils or for 2- 3 hours on medium-heavy soils. Proceed to transplanting or seeding 7 – 15 days after application of Rugby. Continue with normal irrigation regime.

Established plants:

Start irrigation for 10 – 15 minutes.

Apply Rugby utilising regular water quantities:

- 15 minutes on sandy soils,
- 30 minutes on heavier soils and hot weather,
- 30 minutes on medium soils and warm weather,

- 45 – 60 minutes on medium soils and hot weather.
- Continue with normal irrigation regime as required by crop.

TOLERANCE:

Rugby 100 ME is selective to most commonly used ornamentals. However, as some ornamental species and varieties may differ in their sensitivity to chemical, tolerance test should be carried out with Rugby 100 ME on a small scale before a large-scale application is undertaken. Observe for 48 hours for any signs of phytotoxicity.

USE LIMITATION

- Do not apply Rugby 100 ME on poorly grown or water stressed plants.
- Do not apply at high temperatures.

Note: Continual use of soil-applied products in certain soils may lead to an increase in the rate of bio-degradation of the active ingredient resulting in their reduced activity. If unacceptable control occurs with Rugby 100 ME, contact your Juanco SPS LTD representative for further information/advice.

HAZARDS AND PRECAUTIONS:

Highly toxic if inhaled.

Moderately toxic if swallowed or absorbed through skin.

Mildly irritating to the eyes.

Avoid contact with eyes or skin.

Do not breathe vapour.

Wear full protective clothing when handling the undiluted product: rubber apron over long-sleeved overall, gloves, boots, respirator, when applying – overall, gloves, face shield, boots. Do not eat, drink or smoke when using the product. Wash hands with soap and water before breaks and after work. Remove contaminated clothing immediately, wash separately with water and soap before re-use. Wash outside of gloves with soap and water prior to removal. Take a shower at the end of work. In case of accident or if you feel unwell, seek medical advice immediately.

FIRST AID MEASURES

Eyes: Flush with water for at least 15 minutes. If irritation occurs and persists, obtain medical attention.

Skin: Wash with plenty of water and soap

Inhalation: Remove to fresh air. If breathing difficulty or discomfort occurs and persists, seek medical advice. If breathing has stopped, give artificial respiration and see a doctor immediately.

If swallowed: Drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with a finger or by giving syrup of IPECAC. Never induce vomiting or give anything by mouth to an unconscious person. Contact a medical doctor.

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NOTE TO THE DOCTOR

Rugby 100 ME contains cadusafos, organophosphate - cholinesterase inhibitor.

Signs and symptoms of poisoning:

Symptoms of overexposure include headache, light-headedness, weakness, abdominal cramps, nausea, excessive salivation, perspiration, blurred vision, tearing, pin-point pupils, convulsions, tremor and coma.

Antidote: Atropine sulphate.

TREATMENT:

Basic aid, decontamination, symptomatic treatment, administration of antidote.

Start treatment by giving 2 mg atropine sulphate intravenously or intramuscularly if necessary, and repeat with 0.4 - 2.0 mg atropine at 15 minutes interval until full atropinization occurs (tachycardia, flushed skin, dry mouth, mydriasis).

Start 2 - PAM ("Protopam", "Ayerst") at the same time, following manufacturer's recommended dosages and administration.

Contraindications: Morphine, barbiturates, reserpine, phenothiazines, theophylline.

HANDLING AND STORAGE:

Store under lock and key, so that only authorized persons have access.

Store in tightly closed original container in a cool, dry, well-ventilated place.

Keep away from food, drink, and animal feeding stuffs.

Do not use or store near heat, flame or hot surfaces.

Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

ENVIRONMENTAL HAZARDS:

Highly toxic to fish and other aquatic organisms.

Do not contaminate surface water, ditches with chemical or empty container. Drift or run off from treated areas may be hazardous to aquatic organisms in neighbouring areas.

Toxic to birds.

Toxic to domestic animals.

ACCIDENTAL RELEASE MEASURES, DISPOSAL:

Isolate spill area. Keep unprotected persons and animals out of the area.

Wear protective clothing and personal protective equipment when dealing with spillages.

Prevent entry into drains, waters, and soil.

Dike to confine spill and absorb with an absorbent such as clay, sand or soil.

Shovel waste into closable marked container for safe disposal.

To clean and neutralize spill area, tools and equipment, wash with suitable solution (bleach or caustic/soda).

Follow this by washing with a strong soap and water solution. Absorb, as above, any excess liquid and add to the waste already collected.

Dispose of safely. Consult the supplier/manufacturer where larger quantities of the product have to be disposed of or if safe disposal is not possible.

CONTAINER DISPOSAL:

Triple rinse empty container. Dispose of safely.

Do not re-use empty container for any other purpose.

WARRANTY:

Respect the uses, doses, conditions and precautions of the label.

These recommendations were determined according to the characteristics of the product and its recommended applications. On these bases, treat the crops according to good agricultural principles. Do not misuse the product.

The manufacturer only warrants the quality of the products sold in their original unopened container.

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.

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.

VIPIMO VYA MATUMIZI NA MAPENDEKEZO YAKE

Rugby ni dawa yenye mchanganyiko ya madawa inayodhibiti minyoo na wadudu wengineo wanaoharibu mizizi mchangani. Imelengewa wakuzaji wa maua ya kibiashara.

MAUA NA MAPAMBO

Tumia lita 30 za Rugby 100 ME kwa kila hekta moja kudhibiti minyoo na wadudu wengine mchangani. Itumie dawa hii iwapo utaona mashambulizi au kila baada ya miezi mitatu.

Inapendekezwa matumizi yatekelezwe kwa njia tone tone kupitia kwa mifereji ya kumwagilia maji mashamba au kwa kulowesha. Utumiapo njia ya kulowesha hakikisha umeichanganya kwa maji kwa vipimo vya 1 kwa 20. Kufuatia kulowesha mimea, nyunyizia maji ili mizizi iwe maji maji. Usitumie kwa mimea dhaifu.

Hakikisha majani hayashiki dawa hii.

Nyakati za utumizi wa Rugby 100 ME kwa mara ya kwanza, katika mimea fulani, itumie kwenye sehemu ndogo na kukagua baada ya masaa 48 hapo kabla ya kuitumia kwa shamba lote.

TAHADHARI

Wakati wa utumizi kamwe usile, kunywa wala kuvuta sigara.

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Pia hakikisha umevalia glovu, overroll, na viatu vya gumboots. Hatimaye nawa mikono vizuri kwa kutumia sabuni. Chunga isiguze macho ama ngozi. Iweke mbali na vyakula vya mifugo.

UHIFADHI NA UTUPAJI

Ihifadhi dawa hii kwa vipakio asili. Katika sehemu zisizo na joto, isiyo na unyevu na pahala mbali na vyakula, vinywaji na pia vyakula vya mifugo. Kamwe usivutumie vipakio vilivyomalizika dawa. Viangamize kwa mujibu wa sheria za nchi.

NI SUMU UKIPUMUA NI SUMU IGUZAPO NGOZI NI SUMU - USIMEZE

HUDUMA YA KWANZA

Ishikapo ngozi: Nawa kwa maji mengi ukitumia sabuni.

Liingiapo machoni: Yasunze kwa maji kwa muda wa dakika 15. Muasho ukizidi muone daktari haraka.

Imezwapo: Kunywa glasi moja au mbili za maji na ujitapishe kwa kuingiza kidole ndani ya koo au kwa utumizi wa dawa ya IPECAC. Kamwe usimtapishe mhusika aliyezirai. Tafuta huduma ya daktari mara moja.

Piga simu ya dharura kwa: 00800720021 ama 008007300030 (masaa 24)

ARIFA KWA DAKTARI

Rugby 100 ME ina mchanganyiko wa cadusafos, ambao ni kizuizi kwa KOLINESTERAZE geugeu. Nguvu zake humalizwa na Atropine. Mdunge mhusika mg 2 za Atropine kimishipa na kurudia hali hiyo inapohitajika hadi mhusika arudiwe na nguvu. Watoto chini ya miaka 12: tumia kiasi cha 0.05 mg. Anza tiba kwa 2 - PAM (Protopam, reserpine, phenothiazines na theophylline). - utumizi wake umeonyeshwa. Liingiapo machoni mtie mhusika tone moja la Homatropine.

UDHAMINI

Soma na uyafuate maagizo kikamilifu kama yalivyo kwenye kibandiko. Mapendekezo yaliopo yalithibitishwa chini ya utafiti kamili wa dawa hii chini ya matumizi yaliyotekelezwa. Kwa taratibu hiyo itumie Rugby 100 ME shambani mwako kwa mujibu wa kilimo bora. Usitumie ovyo ovyo. Dhamana inatolewa tu na watengenezaji iuzwapo kwa mapakio asili bila kamwe kufunguliwa.

ARIFA KWA MTUMIZI

Dawa hii ya kudhibiti wadudu ni lazima itumiwe tu kwa kuyafuata maagizo yaliyoko kwenye kibandiko. Ni hatia chini ya sheria inayosimamia madawa ya kukabili wadudu kuitumia au kuihifadhi kwa njia isiyofaa.

- ® FMC and Rugby are registered trademarks of FMC Corporation, Philadelphia, USA.
- ® FMC na Rugby ni majina ya kibiashara ya FMC Corporation, Philadelphia, USA.

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