

**FMC**

# Impact™ Guard 250 SC Fungicide

Impact Guard is a fungicide for the control of, powdery mildew in Roses and rust in carnations. Dawa ya kuangamiza kuvu aina ya powdery mildew kwa maua ya waridi na wagonjwa aina ya rust kwa carnation.

**COMMERCIAL AND AGRICULTURAL CLASS (KUNDI LA BIASHARA NA KILIMO)**  
**GUARANTEE (DHAMANA) :** Azoxystrobin ..... 125g/L  
 Flutriafol.....125g/L

Dawa ya kudhibiti magonjwa ya kuvu aina ya kutu kwenya maua ya carnation na powdery mildew kwenye maua ya waridi).

**REGISTRATION NO. (NAMBARI YA USAJILI) : PCPB (CR) 1390**

**CAUTION/HADHARI WHO CLASS III SLIGHTLY HAZARDOUS (MADHARA WASTANI)**

Distributed by (Wasambazaji):  
**Juanco SPS Limited**  
 Karen Ngong Hills, Ngong Road  
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 Phone: (20) 2088 754/5/6

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 Tel: +254 20 515 4241 / 2  
 www.fmc.com

NET CONTENTS (KIASI): **1L e**



**Shelf Life: 2** years from the date of manufacture if the product is stored in unopened original container in a cool, dry well ventilated place.

**Maisha rafuni:** Miaka miwili kutoka tarehe ya kutengenezwa iwapo dawa hii itahifadhiwa kwa chombo chake asili bila kufunguliwa na iwekwe mahali pakavu na pasipo na joto.

MEMBER OF  
 AGRO CHEMICAL  
 ASSOCIATION  
 OF KENYA  
 REGISTRATION NO. 355

**IN CASE OF POISONING CALL  
 TOLL FREE NUMBER / PIGA SIMU  
 YA KUSUMIKA MALIPO  
 KWA: 0800720021 /  
 0800730030 (24 HRS)**

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

™ Trade mark of (Alama ya biashara ya kampuni ya)  
 Cheminova A/S, Denmark



10069751,15143871,KENYA



**FMC**

Registrant/Manufacturer:  
 Cheminova A/S, Thyborønvej 78  
 DK-7673 Harbøre, Denmark  
 +45 9690 9690

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	
Product SKU	10069751	Base for Booklet	
Product SKU Description	Impact Guard 12x1L#mo KE	Booklet	244 x 130 mm
Label SKU	15143871	Number of pages (Booklet)	3 pages
Label SKU Description	E,IMPACTGUARD,125SC,1L,E,0#KE,M/F,R2	Carton label	
Label SKU (earlier version(s))	15141746	Preprinted Material	

**Description**

**Impact Guard** is a broad spectrum fungicide for the control of Powdery mildew (*Sphaerotheca pannosa*) in roses and Rust (*Uromyces dianthi*) in carnations. **Impact Guard**® contains Azoxystrobin 125 g/L and Flutriafol 125 g/L as active ingredients. When applied to the crop Azoxystrobin diffuses through the leaves to the vascular tissues where it is moved upwards (*acropetally*) within the plant through the transpiration stream. Flutriafol is rapidly taken up by the plant and also is translocated very quickly within the plant.

**Mode of Action**

**Impact Guard** has two modes of action Azoxystrobin works by inhibition of the mitochondrial respiration and Flutriafol works by blocking the synthesis of ergosterol in the fungi thereby inhibiting spore germination, mycelial growth in fungi. It also works by its anti sporulant activity, thus affording control in all stages of disease development.

**Recommendations and Rates of Application**

Apply impact guard at the onset of disease development or conditions are right for disease development at below rates. Repeat application after 14 days during low disease pressure. When disease pressure is high reduce the interval to 5 - 7 days. Give 2 to 3 applications per season then change to a product with a different mode of action. Rates are based on a 1000L water pr. Ha.

Crop	Disease	Rates of application		REI
		ml / ha	ml / 20 L	
Roses	Powdery Mildew ( <i>Sphaerotheca pannosa</i> )	500	10	6 hours
Carnations	Rusts ( <i>Uromyces dianthi</i> )	500	10	6 hours

**Preparation for the spray mixtures**

Half fill the sprayer tank with clean water. Shake the product container well and measure the required amount of Azaka into the tank. Top up the spray tank with the remaining amount of water while agitating, apply as a full cover spray ensuring full cover even and complete coverage of all plant surfaces.

**Hazards and handling precautions**

Wear protective clothing when mixing. Do not inhale. Avoid contact with skin, eyes and clothing. Do not smoke, drink or eat while handling the product.

**After work:**

Wash gloves before removal. Change clothes and thoroughly wash yourself. Carefully wash the spraying equipment and personal protective clothing.

**Storage:**

Impact Guard must be kept in its original, sealed labelled container in a cool, dry and ventilated place under lock and key away from food stuffs, beverages, animal feed and packaging materials used for these commodities. Store out

of reach of children and unauthorized people. Storage temperature between 5 and 30°C, protect from frost and extreme heat.

**Disposal:**

Triple rinse empty containers and make the unusable by puncturing and dispose them in an authorized place. Do not re-use them for any other purpose. Unwanted **Impact Guard** or rinsate that cannot be used must be disposed of where it cannot contaminate water surfaces in accordance with local national regulations.

**Spill, Leak and Disposal Procedures:**

Stop the spills immediately if it is safe to do so. Cover the spill with an absorbent material (sand, sawdust, soil, hydrated lime, universal binder or fullers earth). Sweep up the material and shovel into closable approved chemical waste container. Rinse the spill area with soda lye or water containing strong detergent. Absorb wash liquid with absorbent and place in the chemical waste container. Wash waters must be prevented from entering surface water drains. Seal container and dispose of in an approved manner.

**Wildlife and Environmental Protection:**

Impact Guard is harmful to fish and aquatic life. It is less toxic to insects, birds and soil microorganism. Livestock should not be allowed to feed on treated grain. Do not contaminate ponds or waterways by direct application, cleaning of equipment, disposal of waste and empty container. No food or feed should be collected from treated area for a period corresponding to pre harvest interval.

**FIRST AID INSTRUCTIONS**

**In case of eye contact:** Rinse immediately with gently running water for about 10 - 15 minutes, maintaining the eyelids open and consult an Ophthalmologist or a Physician.

**In case of skin contact:** Remove the contaminated clothes immediately and wash thoroughly with plenty of water and soap see the physician if necessary. **In case of ingestion:** If swallowed, do not induce vomiting or give anything by mouth. Seek medical advice, if vomiting occurs rinse mouth with water and give fluids and seek medical advice.

**In case of inhalation:** remove patient from exposure, keep warm and at rest. Seek medical advice.

**TOXICOLOGICAL INFORMATION/NOTICE TO PHYSICIAN:**

**Antidote:** There is no specific antidote known.

**Treatment:** Treat symptomatically and give supportive therapy gastric lavage or administration of activated charcoal can be considered.

In case of poisoning call toll free number

**0800720021/0800730030 (24 hrs)**

**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.

**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.

**MAELEZO KWA JUMLA**

Dawa ya wigo mpana ya kuzuia magonjwa kama Powdery mildew kwa maua ya waridi na kuvu ya kutu kwenye maua ya carnations mtawalia. Jinsi inavyofanyika kazi Impact Guard ina dawa mbili strobilurin ambayo hufanya kazi kwa kuangamiza mitochondria na Flutriafol ambayo husimamisha kutengenezwa kwa ergosterol kisha kusimamisha kuota kwa spores na ukuaji wa mycelia kwenye spores na hivyo basi kudhibiti kuenea kwa ugonjwa katika hali zote za maendeleo. Azoxystrobin pia husaidia kuangamiza kuta za chembechembe za kuvu na ukuaji wake kisha kuzuia ueneaji wa spores.

**MAPENDEKEZO YA MATUMIZI**

Tumia Impact Guard wakati dalili za ugonjwa zimeonekana ama hali ya anga yaweza kusababisha magonjwa. Fuata maagiza yafuatayo wakati wa kunyunyiza dawa. Rudia kueka dawa baada ya siku kumi na ine iwapo hali ya magonjwa iko chini na baada ya juma moja kama hali ya magonjwa iko juu, kisha ubadilisha dawa na nyingine ambayo inafanya kazi tofauti.

**Viwango vya kutumia na mimea:**

Crop	Disease	Rates of application		Muda salama
		Milita kwa hektari	Milita kwa hektari	
Waridi Roses	Powdery Mildew ( <i>Sphaerotheca pannosa</i> )	500	10	Masaa sita
Carnations	Rusts ( <i>Uromyces dianthi</i> )	500	10	Masaa sita

**Wakati wa kunyunyiza**

Kifaa cha kuchanganya dawa ni lazima kiwe kimepimwa vizuri ili kiambatane na kiasi kinachopendekezwa kutumiwa cha dawa..

**Tahadhari**

Usivute sigara, usinywe wala kula unapotumia dawa hii. Epuka ukungu wa dawa hii unapotumia. Dawa hii huwasha macho. Nawa mikono na sehemu ya mwili iliyo wazi ukimaliza kutumia dawa hii na kabla ya kula.

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**Utumiaji**

Vaa nguo za kinga wakati unapatayarisha dawa na unapotumia dawa. Jiepushe na kuvuta dawa. Jihadhari isiguze ngozi, macho au nguo. Usivute sigara, usinywe wala kula unapotumia dawa hii.

**Baada ya kazi**

Osha 'gloves' vizuri baada ya kazi. Badilisha nguo ulizotumia kisha unawe uso na mikono vizuri. Osha bomba na nguo za kazi kwa uangalifu.

**UHIFADHI**

Impact Guard ni sharti ihifadhiwe kwenye chombo chake asili kilichoibwa vizuri pahala palipokauka, pasipo na joto nyingi na penye hewa ya kutosha. Ifungie ukitumia kufuli mbali na vyakula, vinywaji, chakula cha mifugo na vifurushi vinavyotumika kufungia vyakula na vinywaji. Ghala iwe marufuku kwa watoto na wasio dhidi hii.

**KUTUPILIA KIKOPO**

Suza mkebe mara tatu. Ondosha chombo kilichoisha dawa kwa kutupa pahali palipo salama na panaporuhusiwa. Usikutumie kwa matumizi mengine yoyote. Dawa iliyobaki pamoja na maji yaliyoosha chombo au bomba lazima imwagwe kwenye shimo mbali na maji au mwanzo wa maji.

**KUKINGA WANYAMA NA MAZINGARA**

Kiasi cha juu kinaweza kudhuru samaki na viumbe wa majini. Inadhuru mifugo. Mimea ambayo imenyizwa dawa isilishwe. Usichafue visima au mito kwa kunyunyizia, kuosha vyombo, kumwaga mabaki, au kutupa viwekeo vya dawa hii.

**MAELEZO YA HUDUMA YA KWANZA**

**Ikguza macho:** Sunza macho mara moja ukitumia maji safi kwa muda usiopungua dakika kumi na tano kisha umwone daktari.

**Ikguza ngozi:** Vua nguo zilizopatwa na dawa mara moja kisha uoge vizuri kwa maji na sabuni.

**Ikimewza:** Usimtapishe wala kumlisha chochote ikiwa mgonjwa amepoteza fahamu. Mwone daktari.

**Ikipumuliwa:** mpeleke mgonjwa mahali penye hewa safi kisha muone daktari.

**MAELEZO YA SUMU/ARIFA KWA DAKTARI:**

Makata: Hakuna makata ijulikanayo

Matibabu: Mtibu mgonjwa kulingana na dalili zinazoonekana.

**Simu ya dharura:** piga simu ya kusumika bila malipo kwa number 0800720021/0800730030 (masaa 24)

**ILANI KWA MTUMIAJI.**

Dawa hii lazima 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 isiyosalama.

**THIBITISHO**

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

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