

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

TWIGA-EPOX[®]

SUSPENSION CONCENTRATE 250 SC

Fungicide for the control of powdery mildew on roses, rust and ring spot on carnations, rust, anthracnose and angular leaf spot on french beans; yellow and stem rust on wheat and coffee leaf rust in coffee.
(Dawa maalum ya kuzuia magonjwa kama 'powdery mildew' kwa 'Roses', 'rust' na 'ring spot' kwa 'carnations', 'rust', 'anthracnose' na 'angular leaf spot' kwa 'french beans'; 'yellow' na 'stem rust' kwa ngano na kutu ya majani katika kahawa)

COMMERCIAL AND AGRICULTURAL CLASS (SEHEMU YA BIASHARA NA KILIMO)

REGISTRATION NO. : PCPB (CR) 0879
(NAMBARI YA KUSAJILIWA)

GUARANTEE: EPOXICONAZOLE 250 G/L
(DHAMANA)

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

Powdery mildew in Roses



Stem rust in wheat



Coffee Leaf Rust



Bean rust



SHELF LIFE: 2 years from date of manufacture in original, unopened container stored in a cool, dry, well ventilated place.

(MAISHA RAFUNI: Miaka miwili baada ya tarehe ya kutengenezwa ikihifadhiwa kwenye mtungi wake halisi usiofunguliwa na uliowekwa pahali pakavu na baridi).

DATE OF MANUFACTURE (TAREHE YA KUTENGENEZWA)	
BATCH NO.: (NA NAMBARI YA KIFURUSHI)	
EXPIRY DATE (TUMIA KABLA YA):	

IN CASE OF AN EMERGENCY, CALL TOLL FREE NOS.:
(WAKATI WA DHARURA PIGA SIMU BILA MALIPO)

0800720021 and 0800730030 (24hrs /masaa 24)



Net Content (Kiasi Kamili)
1 Litre



Flammable /
Yaweza kuwaka



Toxic to aquatic life

MEMBER OF
AGROCHEMICALS
ASSOCIATION OF KENYA
REGISTRATION NUMBER 102

DISTRIBUTOR (MSAMBAZAJI)

IN KENYA:
TWIGA CHEMICAL INDUSTRIES LTD.
P.O. BOX 30172, 00100, GPO,
NAIROBI, KENYA.
TEL: 254-020-3942000 /3942300, FAX: 3942405

MANUFACTURER (MTENGENEZAJI):

REGISTRANT /EXPORTER
Ningbo Sunjoy Agrosience Co.Ltd
21 Jiangxia ST. Ningbo 315000 China



DESCRIPTION

TWIGA-EPOX is a fungicide for the control of powdery mildew on roses, rust and ring spot on carnations, rust, anthracnose and angular leaf spot on french beans; yellow and stem rust on wheat and coffee leaf rust in coffee.. Upon application TWIGA-EPOX penetrates the plant and is distributed throughout the plant system. Treated areas of the plant and new leaves/shoots formed after the fungicide application are protected from infection. Infection is prevented as result of interactions between epoxiconazole and the fungal cells which result in loss of fungal cell viability.

APPLICATION TIMING

Application should start as soon as first signs of disease appear on the crop and repeated every seven to ten (7-10) days as may be necessary.

DIRECTIONS FOR USE

Crops	Diseases	Dosage	
		Lt/ha	Small Users
French beans	Anthracnose, Angular leaf spots Rust	0.5L/ha. Use in 1000L of water	10ml/20Lt of water
Roses	Powdery mildew	0.5L/ha. Use in 1000L of water	10ml/20Lt of water
Carnations	Rust Ring spots	0.5L/ha. Use in 1000L of water	10ml/20Lt of water
Wheat	Yellow rust Stem Rust	0.5-0.75L/ha. Use in 400L of water	25-30ml/20Lt of water
Coffee	Coffee Leaf rust	0.2-0.3 L/ha. Use in 1000L of water	10ml/20Lt of water
Remark: ● Apply as a preventative spray ● Do not exceed two application in one season.			

PRE-HARVEST INTERVAL - 14 days on French beans
- 35-40 days on wheat (Flag leaf emergence),
- 28 days in Coffee.

RE-ENTRY INTERVAL

Roses and carnations - 12hrs

PHYTOTOXICITY

TWIGA-EPOX is not phytotoxic when used as recommended.

METHOD OF APPLICATION

TWIGA-EPOX can be applied by leaf surface spraying. Thorough wetting of the crop must be ensured. Half-fill the spray tank with clean water, add the necessary quantity of **TWIGA-EPOX** and stir, then top up with water. Keep on agitating when filling and during spray operations.

HANDLING PRECAUTIONS

- Do not smoke, drink or eat while using this product.
- Avoid eye contact. Wear safety goggles when handling the product.
- Avoid spray mist and exposure to the product. Wear rubber gloves, mask covering nose and mouth. Wear protective clothing such as long sleeved shirts, long pants and rubber boots when handling the product.
- After application wash yourself and your work clothes.

STORAGE

Store in original, tightly closed container away from children, food, drinks and livestock feedstuffs. Store in a cool, dry and well ventilated area under lock and key. Avoid exposure to direct sunlight. Kept under these conditions, the shelf life of **TWIGA-EPOX** is 2 years.

DISPOSAL

Surplus product, if unused should be disposed off according to national regulations on chemical disposal on a landfill site approved for pesticides . Do not use empty container for any other purpose. Empty containers are to be triple rinsed, flattened, perforated and disposed off on a landfill site away from water sources in accordance with national regulations on chemical disposal.

SPILLAGE AND LEAKAGE

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal, sawdust). Collect and transfer the product into a properly labelled and tightly closed container. Clean contaminated floors and objects thoroughly, observing environmental regulations.

ENVIRONMENT AND WILDLIFE

In soil **TWIGA-EPOX** is degraded by microbial activity.

The product is toxic to fish. Do not contaminate water sources and supplies by disposal of product waste.

Keep livestock out of treated areas. **TWIGA-EPOX** is not toxic to natural enemies and beneficial insects such as bees and wasps when used at recommended rates.

FIRST AID INSTRUCTIONS

In case of eye contact: Flush the eyes with running water for at least 15 minutes while holding eyelids open to help flush out material. Contact a physician immediately.

In case of skin contact: Wash contaminated skin with soap and plenty of water. Remove contaminated clothing. If skin irritation persists, contact a physician immediately.

In case of inhalation: Remove the patient away from contaminated area and place the patient in a well-ventilated area and give artificial respiration. Keep warm and at rest. Consult a doctor.

In case of ingestion: Do not induce vomiting. Wash mouth with plenty of water. Never give anything by mouth to an unconscious person. Contact a physician immediately.

TOXICOLOGICAL INFORMATION

Symptoms of poisoning: Non-specific. However, exposure may cause vomiting, coughing, nausea, shortness of breath, headache, chills and loss of muscle co-ordination.

Antidote:- No specific antidote is known.

Notes to the Physician:- Treat symptomatically.

In case of an emergency, call Toll free Nos: 0800720021 and 0800730030 (24hrs)

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on this label. It is an offense 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

TWIGA-EPOX ni dawa maalum ya kuzuia magonjwa kama 'powdery mildew' kwa 'Roses', 'rust' na 'ring spot' kwa 'carnations', 'rust', 'anthracnose' na 'angular leaf spot' kwa 'french beans'; 'yellow' na 'stem rust' kwa ngano na 'coffee leaf rust' kwa kahawa. Wakati **TWIGA-EPOX** inaponyunyiziwa kwenye mimea, inapenya na kusambaa katika sehemu zote za mmea. Sehemu zilizonunyiziwa **TWIGA-EPOX** hukingwa vizuri hili zisipatikane na magonjwa.

WAKATI WA KUTUMIA DAWA

TWIGA-EPOX yafaa kunyunyiziwa kwenye mimea wakati hali ya anga inaoenkana kuwa muafaka kwa magonjwa kuingia katika mimea au wakati dalili za magonjwa zimeanza kuonekana. Dawa inafaa kurudiwa baada ya siku saba hadi kumi (siku 7-10). S

MAELEZO YA KUTUMIA DAWA

Mmea	Magonjwa	Kipimo	
		Lita /hektari	Kwa matumizi madogo
"French beans"	"Anthracnose", "Angular leaf spots" "Rust"	Lita 0.5kwa hektari kwa lita 1000 ya maji	Mililita 10 kwa kila lita 20 ya maji.
Waridi	"Powdery mildew"	Lita 0.5kwa hektari kwa lita 1000 ya maji	Mililita 10 kwa kila lita 20 ya maji
"Carnations"	"Rust", "Ring spots"	Lita 0.5kwa hektari kwa lita 1000 ya maji	Mililita 10 kwa kila lita 20 ya maji
Ngano	"Yellow rust", "Stem Rust"	Lita 0.5-0.75 kwa hektari kwa lita 400 ya maji	Mililita 25-30 kwa kila lita 20 ya maji
Kahawa	Coffee Leaf Rust	Lita 0.2-0.3kwa hektari kwa lita 1000 ya maji	Mililita 10 kwa kila lita 20 ya maji
Maelezo: ● Nyunyiza dawa kabla ya ugonjwa kuingia, ● Usitumie zaidi ya mara mbili katika msimu mmoja			

Muda wa kungoja baada ya kunyunyiziwa na kabla ya kuvuna - siku kumi na nne (14) katika mimea wa french beans (maharagwe)
- Ngano, siku 30 - 40
- Kahawa siku 28

Muda kabla ya kuingia: masaa 12 kwa waridi na "carnations"

MADHARA KWA MIMBA

TWIGA-EPOX haina madhara kwa mimea kama itatumika kulingana na maelezo yaliyopendekezwa.

JINSI YA KUTUMIA DAWA

TWIGA-EPOX ni dawa ya kunyunyiziwa katika mimea. Hakikisha ya kuwa wakati wa kunyunyiziwa, sehemu zote za mmea zinafikiwa na dawa ya kutosha. Jaza tanki la bomba na maji safi mpaka nusu yake, kisha weka kiwango cha **TWIGA-EPOX** kilichopendekezwa, koroga kisha endelea kujaza huku ukitingiza mpaka bomba lijae. Hakikisha tanki linatingizwa wakati dawa inapendelea kunyunyiziwa shambani.

TAHADHARI WAKATI WA MATUMIZI

- Usivute sigara, usinywe wala usile wakati unatumia hii dawa
- Chunga isiingie machoni. Vaa miwani ya kuingia macho unapotumia hii dawa.
- Hepukana na mvuke wa hii dawa na pia chungu kujiweka wazi kwa hii dawa. Vaa glovu za raba kwa mikono, vaa chombo cha kufunikia pua na mdomo unaponyunyiziwa hii dawa. Vaa nguo za kujikinga kama shati ya mikono mirefu, suruali ndefu na gambuti za raba upapotumia hii dawa.
- Baada ya kumaliza kunyunyiziwa, oga mwili wote na uoshe nguo zako za kazi

KUHIFADHI

Hifadhi ndani ya chombo chake halisi kilichofungwa vizuri mbali na watoto, chakula, vinywaji na chakula cha mifugo. Hifadhi dawa hii mahali baridi, pakavu na panapopitisha hewa safi, na palipo fungwa na kufuli. Hepuka kuweka kwenye mwangaza mkali wa jua. Ikiwa Twiga-EpoX itahifadhiwa katika hali hii muda wake wa kudumu ni miaka 2.

KUTUPA

Dawa ya ziada kama haikutumika itupwe kwenye jaa lililoidhinishwa la kutupa madawa ya sumu ya kuangamiza magonjwa na wadudu waharibifu, ama izikwe mahali salama mbali na vyanzo vya maji. Usitumie chombo kilichokwisha dawa kwa matumizi mengine yoyote. Vyombo vilivyokwisha dawa vyapaswa kutupwa kwenye jaa la kutupa takataka za sumu, lililoidhinishwa pahali salama mbali na vyanzo vya maji.

IKIMWAGIKA

Ondoa mchanga wa juu uliongia dawa na utupe pahali salama mbali na vyanzo vya maji.

Ikimwagika: Kusanya kwa makini vitu vilivyo ingia dawa na uvizike pahali salama ama tupa ndani ya pipa au mifuko ya plastiki, weka alama na utupe pahali salama lililoidhinishwa. Safisha kwa maji eneo lililomwagikiwa na dawa. Dawa iliyomwagika isutumiwe tena.

MAZINGIRA NA MBUGA ZA WANYAMA

TWIGA-EPOX ni sumu kwa samaki na wanyama wengine wanaoishi majini. Usichafue njia za maji kwa kutupa ndani uchafu wa dawa. Weka mifugo mbali na maeneo yaliyowekwa au kunyunyiziwa dawa.

TWIGA-EPOX haiwadhuru wadudu wenye manufaa kama vile nyuki ikiwa itatumika kulingana na kipimo kilichopeanwa.

MAAGIZO YA HUDUMA YA KWANZA

TWIGA-EPOX ni sumu ikiwa itamezwa au kuvutwa ndani. Kama unashuku kuadhiriwa na sumu, ita daktari mara moja.

Ikiwa imeingia ndani ya macho: Osha macho na maji mengi kwa angalau dakika 15. Ikiwa mwasho utaendelea, wasiliana na daktari mara moja.

Ikiwa imegusa ngozi: Osha ngozi ilio ingia dawa kwa sabuni na maji mengi. Toa nguo zilizomwagikiwa na dawa. Ikiwa mwasho wa ngozi utaendelea, onana na daktari mara moja.

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

Ikipumuliwa: Mweke mgonjwa kwenye hewa safi. Wasiliana na daktari mara moja.

MAELEZO YA SUMU

Dalili za sumu: Hakuna dalili maalum.

Dawa ya kuvunja nguvu za sumu : Hakuna dawa maalum inayojulikana ya kuvunja nguvu za sumu hii.

Maelezo kwa daktari: Tibu kulingana na vile anavyojisikia.

Piga simu isiyu na malipo wakati wa dharura: 0800720021 na 0800730030 (masaa 24)

ILANI K WA MTUMIAJI

Dawa hii ni sharti itumiwe kulingana na maagizo yaliyo kwenye kibandiko. Ni hatia chini ya sheria za madawa kutumia au kuhifadhi dawa hii katika hali isiyu 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.