

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

TWIGALAXYL 720WP

WETTABLE POWDER

A FUNGICIDE FOR THE CONTROL OF LATE BLIGHT IN POTATOES; DOWNY MILDEW IN SNOW PEAS AND DOWNY MILDEW IN ROSES.

(DAWA YA KUZUIA NA KUTIBU MANGONJWA KAMA UKOGA (LATE BLIGHT) KWA VIAZI; KOGA (DOWNY MILDEW) KWA MBAAZI NA MAUA YA WARIDI.

COMMERCIAL AND AGRICULTURAL CLASS (SEHEMU YA BIASHARA NA KILIMO)

REGISTRATION NO. : PCPB(CR) 0569-P(i)
(NAMBARI YA KUSAJILIWA)

GUARANTEE: Metalaxyl 80g/Kg
(DHAMANA) Mancozeb 640g/Kg

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



POTATO



SNOW PEAS



ROSES

SHELF LIFE: 2 years from date of manufacture in original, unopened container stored in a cool, dry, well ventilated place.
MUDA RAFUNI: Miaka miwili baada ya tarehe ya kutengenezwa ikihifadhiwa kwenye mtungi wake asili usiofunguliwa na uliowekwa pahali pakavu na baridi.

In case of poisoning, call Toll free Nos 0800720021 /0800730030
(Piga simu isiyo na malipo wakati wa kusumika): (24hrs /masaa 24)

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



Net Content: 1 KG
(Kiasi Kamili) (Kilo Moja)

LOCAL AGENT & DISTRIBUTOR IN KENYA
(MASAMBAZAJI) :

Twiga Chemical Industries Ltd.
P.O. BOX 30172, 00100, GPO,
NAIROBI, KENYA.
TEL: 254-020-3942000,
FAX: 3942405



MANUFACTURER: (MTENGENEZAJI)

 **United Phosphorus Ltd**

Madhu Park, 11th Road,
Khar (W), Mumbai 400052,
INDIA

WHO CLASS II (Slightly hazardous)



HARMFUL

INADHURU

DESCRIPTION:

TWIGALAXYL 720WP is a combination of Metalaxyl and Mancozeb which provide both preventative and curative disease control of late blight in potatoes, downy mildew in snow peas and downy mildew in roses. When applied, metalaxyl is rapidly absorbed into the leaves and translocated through the stem hence causing protection to the plant. Mancozeb stays on the surface of leaves protecting the entry of disease pathogens into the plant.

DIRECTIONS FOR USE**Rate of Application**

CROP	DISEASE	DOSAGE		REMARK
		Kg/ha	Gm/20L	
POTATOES	Late blight (Phytophthora infestans)	2.5	50gm	Follow a protection programme with unrelated fungicides and apply TWIGALAXYL 720WP immediately after an infection period or disease warning. Repeat at 10-14 day intervals. Do not wait until the disease gains momentum before applying TWIGALAXYL 720WP .
SNOW PEAS	Downy Mildew	2.5	50gm	Follow a protective programme with unrelated fungicides and apply TWIGALAXYL 720WP immediately after an infection period or disease warning. Repeat at 10-14 day intervals. Do not wait until the disease gains momentum before applying TWIGALAXYL 720WP .
ROSES	Downy Mildew	2.5	50gm	Follow a protective programme with unrelated fungicides and apply TWIGALAXYL 720WP immediately after an infection period or disease warning. Repeat at 10-14 day intervals. Do not wait until the disease gains momentum before applying TWIGALAXYL 720WP .

Pre-harvest interval - Potatoes : 10 Days, **Snow peas :** 10 days

Re-entry intervals: Do not enter treated area until after 4 hours or when the spray deposit has dried.

Limitations: **TWIGALAXYL 720WP** should not be applied more than four times per season. DO NOT ROTATE **TWIGALAXYL 720WP** WITH OTHER PHENYLAMIDES WITH A SIMILAR MODE OF ACTION

Warning against resistance: **TWIGALAXYL 720WP** contains METALAXYL, a fungicide with specific activity against **late blight** on potatoes and **downy mildew** on roses. Resistant strains can develop which could lead to unacceptable control of these diseases. Since the occurrence of resistant strains cannot be forecast, users are advised to keep treated crops under close observation.

Spray Equipment: For the application of **TWIGALAXYL 720WP** hand held knapsack sprayers and tractor boom sprayers.

Preparation of the spray mixture : First mix the desired quantity with a small amount of water and stir to obtain a uniform mixture. Add this into half-full spray equipment as you stir. Then fill the spray equipment as you continue to stir. Keep agitating as you spray.

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 and, 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, heat and naked flames. Kept under these conditions, the shelf life of **TWIGALAXYL 720WP** is 2 years from the date of manufacture.

DISPOSAL: Triple rinse empty container and add washings/rinse off to spray mixture, then perforate or puncture holes on empty containers. Dispose in accordance with National Legislation and Regulation on hazardous chemical disposal. Do not pour rinsate into any drain or on any site in close proximity to human or animal habitation, water sources, water ways or water bodies. **DO NOT REUSE empty pesticide containers for any other purpose.**

SPILLAGE AND LEAKAGE: Keep people away from the spill area. Use personal protective equipment when cleaning up the spill, Do NOT wash away into sewer. Pour the contents of leaking container in empty container that originally held same product or put leaking container into a larger, clearly labelled, container. Absorb pesticide by covering the spill with absorbent materials, such as wet sawdust or earth. Dispose off in accordance with National Legislation and Regulation on hazardous chemical disposal.

ENVIRONMENT AND WILDLIFE: Toxic to fish and aquatic invertebrates. Do not contaminate water supplies by disposal of product waste. Keep livestock out of treated areas.

FLAMMABLE: Keep away from fire and sparks. Do not allow **TWIGALAXYL 720WP** to become damp and then warm during storage, as flammable vapours will be generated.

FIRST AID INSTRUCTIONS

If poisoning is suspected, contact a physician immediately.

In case of eye contact: Flush the eyes with plenty of water while the eyelids are open for at least 15 minutes. Contact a physician immediately.

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

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

In case of ingestion:- Perform gastric lavage, taking care to prevent aspiration of gastric contents. Never give anything by mouth to an unconscious person. Contact a physician immediately.

TOXICOLOGICAL INFORMATION

Symptoms of poisoning: Transient discomfort and skin sensitization rashes.

Antidote: Treat symptomatically

Notes to the doctor: There is no antidote; Treat symptomatically. If the patient is conscious, induce emesis or lavage the stomach. Use activated charcoal to absorb remnant chemical in the stomach. **In case of poisoning, 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

TWIGALAXYL 720WP ni mchanganyiko wa metalaxyl na mancozeb ambayo huzaia na kutibu magonjwa kama ukoga (late blight) kwa viazi; koga (downy mildew) kwa mbaazi na mau ya waridi. Inaponyunizwa mimea, metalaxyl hufyonzwa kwa haraka ndani ya matawi na kusambaa ndani ya mmea wote ili kuipa kinga dhidi ya magonjwa. Mancozeb hukaa juu ya matawi kuingia mmea kutokana na magonjwa haya.

JINSI YA KUTUMIA

MMEA	UGONJWA	KIASI CHA DAWA		MAELEZO
		Kilo kwa hektari	Gramu kwa lita 20 ya maji	
VIAZI	Late blight (Phytophthora infestans)	Kilo 2.5	Gramu 50	Fuata ratiba ya unyunyizi na dawa isilohusiana. Nyunyiza TWIGALAXYL 720WP punde tu ugonjwa unapotokea na urudie kila baada ya siku 10-14 d. usingoje ugonjwa unawiri kabla ya kunyunyiza TWIGALAXYL 720WP
MBAAZI	Downy mildew	Kilo 2.5	Gramu 50	Fuata ratiba ya unyunyizi na dawa isilohusiana. Nyunyiza TWIGALAXYL 720WP punde tu ugonjwa unapotokea na urudie kila baada ya siku 10-14 d. usingoje ugonjwa unawiri kabla ya kunyunyiza TWIGALAXYL 720WP
WARIDI	Downy mildew	Kilo 2.5	Gramu 50	Fuata ratiba ya unyunyizi na dawa isilohusiana. Nyunyiza TWIGALAXYL 720WP punde tu ugonjwa unapotokea na urudie kila baada ya siku 10-14 d. usingoje ugonjwa unawiri kabla ya kunyunyiza TWIGALAXYL 720WP

Muda wa kungojea kabla ya kuvuna:- Viazi :siku 10, **Mbaazi :** siku 10, **Muda wa kungojea kabla ya kuingia palipo nyunyiziwa dawa:** Masaa Manne

JINSI YA KUCHANGANYA

Ongeza maji kidogo ndani ya kipimo cha dawa kinachotakikana na ukoroge kabisa. Weka mchanganyiko huu kwenye tangi la bomba lilo jaa nusu maji huku ukikoroga. Tigiza bomba mara kwa mara wakati unanyunyiza.

TAHADHARI WAKATI WA MATUMIZI

- Usivute sigara usinywe, wala usile wakati unatumia dawa hii.
- Chunga isingie machoni. Vaa miwani ya kuingia kama unapotumia dawa hii.
- Epukana na mvuke wa dawa hii, na kujiweka wazi kwenye dawa. Vaa glovu za mkono za raba, vaa kifuniko cha Pua na mdomo. Vaa nguo za kujikinga kama shati la mikono mirefu, suruali ndefu na gam buti za raba unapotumia dawa hii.
- Baada ya kutumia dawa hii oga mwili na uoshe nguo zako za kazi.
- **TWIGALAXYL 720WP** inaweza kushika moto.

KUHIFADHI :

Hifadhi ndani ya chombo chake asili kilichofungwa vizuri mbali na watoto, chakula, vinywaji na chakula cha mifugo. Hifadhi dawa hii mahali baridi, pakavu na panapopiti-sha hewa safi, na palipofungwa na kufuli. Usiweke kwenye mwangaza mkali wa jua, joto na miale ya moto. Ikihifadhiwa katika hali hii muda wake wa kudumu ni miaka 2.

KUTUPA: Safisha mara tatu kontena tupu na ongeza hayo maji ya muosho kwenye mchanganyiko wa kunyunyiza, halafu toboa mashimo kwenye vyombo/mifuko tupu kisha upeleke vyombo/mifuko tupu katika vituo vilivyoidhinishwa vya ukusanyaji kaunti. Usimimine suza ndani ya mfereji wowote au kwenye tovuti yoyote karibu na makao ya wanadamu au wanyama, vyanzo vya maji, njia za maji au miili ya maji. Usitumie tena vyombo vyenye viuatilifu kwa sababu nyingine yoyote.

Dawa ikimwagika au kuvuja: Weka watu mbali na eneo lililomwagika. Tumia vifaa vya kinga wakati wa kusafisha utirikaji. USIACHE ndani ya maji taka. Mimina yaliyomo kwenye kontena linalovuja kwenye kontena tupu ambalo hapo awali lilikuwa na bidhaa hio au weka kontena linalovuja kwenye chombo kikubwa kilichoandikwa wazi. Nyonya viuatilifu vya kioevu kwa kufunika dawa iliomwagika kwa vifaa vya kufyonza, kama vile machujo ya mbao, au udongo.

MAZINGIRA NA MBUGA ZA WANYAMA:

Ni sumu kwa samaki na viumbe wa majini wasio na uti wa mgongo Usichafue njia za maji kwa kutupa ndani uchafu wa dawa. Weka mifugo mbali na maeneo yaliyowekwa dawa.

MAAGIZO YA HUDUMA YA KWANZA:

Kama unashuku sumu, ita daktari mara moja. **Ikiwa imeingia ndani ya macho:** Osha macho na maji mengi kwa angalau dakika 15. Wasiliana na daktari mara moja **Ikiwa kwenye ngozi:** Osha ngozi ilio ingia dawa kwa sabuni na maji. Toa nguo zilizomwagikiwa na dawa. Ikiwa mwasho wa ngozi utatokea, onana na daktari mara moja. **Ikiwa mvuke wa dawa hii umevutwa ndani ya mapafu:** Muondoe mgonjwa kutoka kwenye eneo ya sumu na umweke mgonjwa mahali penye hewa safi. Mweke kwenye joto la kadiri na katika hali ya kupumzika. Pata ushauri wa daktari. **Kama imemezwa:** Ipunguze nguvu ya dawa iliyomezwa haraka kwa kumnyweshwa mgonjwa maji mengi usimfanye atapike. Kamwe usimlishe mtu aliyepoteza fahamu kitu chochote kupitia mdomoni. Muone daktari haraka.

MAELEZO YA SUMU.

Dalili za sumu: Upele kwa ngozi.

Makata: Hakuna dawa maalum inayojulikana ya kuvunja nguvu za sumu hii. Tibu kulingana na dalili ya sumu.

Maelezo kwa daktari: Tibu kulingana na dalili. **Piga simu isiyu na malipo wakati wa kusumika: 0800720021 na 0800730030 (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 (Pest Control Products Act) 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.