



Amiran
Merpan[®]
83 WP



Protectant fungicide for the control of scab on apples, anthracnose and grey leafspot on tomatoes, dumping-off and root rot on beans, heart rot, storage and transit rots on pipeapples, crinkle leaf on coffee and fusarium wilt on carnations.

Kiua kuu cha kudhibiti 'scab' kwa 'apples', 'anthracnose' na 'grey leafspot' kwa nyanya, 'dumping-off' na 'root rot' kwa maharagwe, 'heart rot', 'storage' na 'transit rots' kwa nanasi, 'crinkle leaf' kwa kahawa na 'fusarium' wilt kwa 'carnations'.

COMMERCIAL & AGRICULTURAL CLASS.

(KUNDI LA BIASHARA NA KILIMO.)

GUARANTEE (DHAMANA): *Captan.....83%w/v*

REGISTRATION NO. (NAMBARI YA USAJILI):
PCPB (CR). 0041

READ THE LABEL BEFORE USING

(SOMA KIBANDIKO KABLA YA KUTUMIA)

KEEP OUT OF REACH OF CHILDREN

(FUNGIA MBALI NA WATOTO)

Shelf life: 2 years from date of manufacture when stored in it's original unopened container in a cool dry place.

(Maisha Rafuni): Miaka 2 baada ya kutengenezwa kama imewekwa kwenye chombo chake halisi hakijafunguliwa mahali pakavu pasipo na joto jingi).

In case of Poisoning call toll free No.
(Kwa kisa cha kusumika piga simu bila malipo-masaa 24):
0800720021/ 0800730030(24hrs)

Mft date/Tarehe ya kutengenezwa:
Batch No./Nambari ya Kifurushi:
Expiry date/Tumia kabla ya:

Member Of
Agro Chemical
Association Of Kenya
Registration Number.
AAK 219



Distributor / Wasambazaji:

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Manufacturer / Watengenezaji:

Adama Makhteshim Ltd, Israel



Warning (Hani)
Toxic to aquatic life,
may cause long term adverse effects
in the aquatic environment

Net Contents / Ujazo

1Kg

WHO CLASS III



CAUTION
(TAHADHARI)



Merpan® | 83 WP

General Information

Merpan 83 WP is a Protectant fungicide for the control of scab on apples, damping off on beans, rust on coffee, root rot on pineapple and leaf spot on roses.

MODE OF ACTION

Merpan has a protective action that works by inhibiting respiration of the fungi species.

Direction For Use

CROP	DISEASE	DOSAGE	REMARKS
Coffee	Crinkle leaf	1.5Kg/ha	Spray after first symptoms
Pineapple	Heart Rot, Storage and Transit Rots	150g/100L of water 30g/20L of water	Dip slips into solution before planting
Beans	Damping-off and Root Rot	(Recommended spray volume 1000L of water per Ha)	Broadcast treatment into top soil 7.5-10.0cm; or apply into row when planting
Tomato	Anthracoese, Gray leaf spot		Treat at 1st sign of infection. Repeat every 5-7 days.
Camotian	Fusarium wilt		In hot/humid conditions, apply after picking.
Apples	Scab		Spray from time of bud burst every 10-14 days

Pre-harvest interval:

Beans – 30days, Apple – 10days, Coffee – 14days, Tomato – 21 days, Pineapples – 20days

Re-entry Period: Sprayed greenhouse : 12 hours Open field: When the spray is dry.

Preparation of Spray Mixture: Mix the required amount of merpan 83 WP with a little water and then add this mixture to the required bulk water and agitate thoroughly. Apply by means of any suitable high or low volume sprayer as recommended. For low volume applications use at least 200 liters of water per hectare. For high volume applications use 2000 liters of water per hectare or spray to run off. Rates of application vary according to the disease and prevailing conditions.

Timing of Application: Start applying Merpan 83 WP when the first signs of disease infestation appear or when the weather condition favour disease development. Spray Merpan 83WP regularly at 7 to 14 days interval depending on intensity of shoot growth, seriousness of infection and susceptibility of the variety.

HAZARDS/PRECAUTIONS

Handling: Wear protective clothing, hand gloves, face-shield, and impermeable boots when preparing the spray mixture and when spraying. Avoid breathing the spray mist, contact with skin, eyes and clothing. Do not apply upwind and stay out of spray mist. Do not smoke, drink or eat while handling the product.

After Work: Change clothes and wash hands and face thoroughly with soap and water. Wash the spray equipment and any contaminated clothing carefully.

Storage: Keep out of reach of children. Store in tightly closed original container in a cool dry and well ventilated place, under lock and key so that unauthorized persons do not have access. Keep away from food, drinks and animal feeds. Keep away from sunlight, excessive heat and open flame.

Disposal: Triple rinse, puncture or crush empty containers before disposal in a safe and authorized place. Do not re-use empty containers for any other purpose. Pesticide spray mixture or rinsate that cannot be used must be disposed where it cannot contaminate surface water and ditches.

Pesticide Leakage and Spillage: In event of heavy spillage, collect the contaminated soil layer and bury in an authorized place away from water supplies. Soaking in sand, soil or sawdust may collect small spillage. Contaminated absorbent material must be stored in marked waste bins prior to disposal in authorized landfill site. The pesticide store must be decontaminated by washing with a lot of water.

Wildlife And Environmental Protection: Merpan 83 WP is toxic to fish. Do not contaminate ponds and waterways by direct application, cleaning of equipment, disposal of wastes and empty container.

FIRST AID INSTRUCTIONS

If inhaled: Remove the patient to fresh air. **If in contact with skin:** Wash the skin with plenty of water and soap. **If in contact with eye:** Rinse thoroughly with running water for at least 15 minutes. **If swallowed:** Do not induce vomiting. In all cases seek medical attention where needed.

Toxicological Information: Merpan 83 WP is unlikely to cause harm under normal use.

Antidote: No specific antidote is known

Note to physician: Treatment: Treat the patient symptomatically and give supportive therapy.

In case of poisoning call toll free number (24 hours) 0800720020/0800730030.

NOTICE USERS: 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 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: Merpan 83WP ni Dawa ya kuzuia ugonjwa wa "scab" kwa apples, "damping off" kwa maharagwe, "rust" kwa kahawa, "root rot" kwa nanasi na "leaf spot" kwa waridi.

JINSI INAFANYA KAZI

Merpan inakuingia didhi ya kuvu kwa kuzuia "respiration" kwa kuvu

Mapendekezo Ya Matumizi

MIMEA	UGONJWA	KIWANGO CHA MATUMIZI	MAELEZO
Kahawa	<i>Crinkle leaf</i>	Kilo 1.5 kwa hekta	Nyunyiza baada ya dalili ya kwanza ya ugonjwa
Nanasi	<i>Heart Rot, Storage and Transit Rots</i>	Gramu 150 kwa lita 100 za maji	Tumbuka vipandikiwi kwa mchanganyiko kabla ya kupanda
Maharagwe	<i>Damping-off and Root Rot</i>	Gramu 30 kwa lita 20 za maji (Tumia lita 1000 za maji kwa hekta)	Tandaza kwa sentimita 7.5-10.0 za juu za udongo; ama uweke kwenye mistari unapopanda
Nyanya	<i>Anthracoese, Gray leaf spot</i>		Nyunyiza baada ya dalili ya kwanza ya ugonjwa, rudia baada ya siku 5-7.
Camotian	<i>Fusarium wilt</i>		Wakati wa joto na unyevu, nyunyiza baada ya kuchuwa
Apples	<i>Scab</i>		Nyunyiza baada ya kuchuwa, kila baada ya siku 10-14

Pre-harvest interval:

Maharagwe– 30days, Apple – 10days, Kahawa – 14days, Nyanya – 21 days, Nanasi – 20days

Muda Salama Wa Kuingia Shambani: Ni salama kwa mkulima, mfanyi kazi kuingia shambani wakati wowote iwapo mchanganyiko wa dawa na maji ulionyuniyiziwa umekauka.

Kwa jumba la maua: masaa 12.

Kutayarisha dawa: Changanya kiasi kinachohitajika cha merpan 83 wp kwa kiasi kidogo cha maji. Ongeza kiasi cha maji kilichosalia na uendete kutingisa bomba au kukolaga mchanganyiko wa dawa.

Wakati wa Kutumia: Merpan 83WP inainuwa kutumwa kwa kuzuia magonjwa ya kuvu na inapendekezwa hasa katika upanzi wa mmea ili kuingia didhi ya kuoza mizizi. Ila pia inaweza nyunyizwa baada yam mea kujikita.

TAHADHARI

Matumizi: Vaa ngao la kujikinga, viatu na viziuzi vya mikono na osho (face shield), unapotayarisha mchanganyiko wa dawa na maji na unaponyuniyiza dawa. Jihadhari usipumue mwuke wa dawa, mchanganyiko wa dawa usingie kwenye macho au kumwagikia ngozi na nguo ulizovalia. Usinyuniyize hii ukielekea upande upepo unatoka. Usivute sigara na usile wala kunywa wakati unapotumia dawa hii.

Baada ya kazi: Vua nguo za kazi na viziuzi vya kujikinga, oga mikono na uso kwa kutumia sabuni na maji. Safisha bomba la kunyuniyiza dawa na mavasi yaliyomwagikiwa na dawa.

Kuhifadhi: Hifadhi dawa hii katika chombo chake asili ambacho kimefunikwa swaka wata na kukuwka kwenye ghala la madawa lililodhihinishwa. Ni lazima watoto na watu wasioruhuswa wakataweze kuingia kwenye ghala la madawa.

Utajaji: Safisha mkoba wa dawa iliyoisha kwa kusunza mara tatu kisha utoboe au ubonyeze na utupilie au uzike mbali na maji. Mchanganyiko wa dawa ambao haujatumika au maji yaliyoosha vyombo ni lazima yatupiliwe mahali salama na ambapo pameidhihinishwa. Dawa ambayo haiwesi kutumwa ni lazima itupiliwe mbali mahali ambapo ni salama, panapakubaliwa, na mbali na maji. Usitumie mkoba wa dawa kwa matumizi mingine yoyote.

Madhara Kwa Mazingira: Merpan 83wp ni sumu kwa samaki. Usichafue mazingira kwa kunyuniyiza, kumwaga mabaki ya dawa, kutupa, au kusunza mkoba wa dawa kwa mito, visima au vidimbwi na chemichemi.

Maelezo Ya Huduma Ya Kwanza: Ikipumuliwa: Pumzisha mgonjwa mahali ambapo ni salama. **Ikimwagikia ngozi:** Osha kwa kutumia maji na sabuni. **Ikiingia kwa macho:** Fungua macho na uyasafisha kwa maji yanayotiririka kwa muda wa dakika 15. **Ikimezwa:** Usimfanye mgonjwa atapike au kumfanya ameze kitu chochote. **MPELEKE MJERUHI KWA DAKTARI.**

Maelezo Kuhusu Sumu: Merpan 83 wp haiwezi kusababisha madhara katika matumizi ya kawaida.

Tiba: Hakuna tiba maalum

Maelezo kwa daktari: Mtibu mgonjwa kulingana na maumivu.

Kwa kisa cha kusumika piga simu bila malipo(masaa 24) 0800720020/0800730030

ILANI KWA MTUMIAJI: Dawa hii sharti itumie kulingana na maagizo yaliyo kwenye kibandiko. Ni hatia chini ya sheria za madawa ya kuamgiza wadudu waharibifu kutumia au kuhifadhi dawa hii katika hali isiyu salama.

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