MERPAN

GUARANTEE (DHAMANA):
Captan 500g/l, WP

OPEN HERE

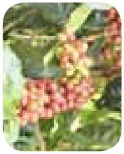
Protectant fungicide for the control of many diseases on apples, beans, coffee, grapes, berries, pineapples and ornamentals.

Dawa ya kuzuia magonjwa ya kuvu kwenye mimea ya “apple”, maharage, kahawa, zabibu, nanazi na mapambo.

FUNGICIDE

SCAN FOR WEBSITE

IRRITANT
HUWASHA



Commercial and Agricultural class • Kwa biashara na kilimo
Registration number/Namba ya Usajili: TPRI FU/0160

READ LEAFLET BEFORE USING • KEEP OUT OF REACH OF CHILDREN
SOMA KIBANDIKO KABLA YA KUTUMIA • WEKA MBALI NA WATOTO

1 Kg

97070623D/201409

ADAMA
ESSENTIALS

ADAMA

MAELEZO
Merpan50 WP ni dawa ya kuzuia magonjwa ya kuvu kwenye mimea mabalimbali.
Merpan50 WP inaweza kutumika kwa njia ya kawaida ya kunyunyizia, au kwa matibabu ya mbegu kuzuia magonjwa mengine kama ya mbegu kuoza, magonjwa ya damping-off na baada ya mavuno.

MATUMIZI – KUNYUNYIZIA KWA KUTUMIA BOMBA
Kutayarisha dawa
Changanya kiasi kinachohitajika cha merpan50wp kwa kiasi kidogo cha maji. Ongeza kiasi cha maji kilichosalia na uendelee kutingisa bomba au kukoroga mchanganyiko wa dawa.

Jinsi ya Kutumia
Nyunyizia mimea ya mapambo kwa kutumia kiwango cha chini cha lita 200 za maji kwa hekta. Kwa kiwango cha juu, tumia lita2000 za maji. Viwango vya kuchanganya dawa zinaweza kuwa tofauti kulingana na magonjwa, laikini kiwango cha 120 GA.I./100 I inaweza kutumika.

Kwa ugonjwa wa “damping off” kwenye maharage, Kabichi n.k., merpan50 WP inapendekezwa kuweka kwenye udongo cm 10 za juu.

kuzuia matunda kutooza baada ya kuvuna
Tumbukiza matunda kwa dakika 1-2 kwa1% mchanganyiko wa merpan kabla ya kuhifadhi matunda.

Matibabu ya mapambo kabla ya kupanda.
Tumbukiza mapambo kwa muda wa dakika 1-2 kwa 1% mchanganyiko wa merpan. MERPAN 50 WP ni dawa inayozuia magonjwa, hivi chanjo la kwanza lazima ifanyike unapohisi ya kwamba magonjwa yataonekana. Marudio lazima yaendelee unavyoshauriwa.

Mchanganyiko na madawa mengine
MERPAN 50WP ina uwezo wa kuchanganywa na madawa mengine ya kawaida, ya kuua wadudu na pia za kuzuia na kutibu ukungu. Usichanganye na kemikali zenye chumvi. Usitumie pamoja na, au muda mfupi baada ya kutumia kemikali za mafuta.

Wakati wa Kutumia
Merpan 50WP inatumiwa kwa kuzuia magonjwa ya kuvuna. Inapendekezwa hasa katika upanzi wa mimea ilikukinga dhidi ya kuoza mizizi. Pia inaweza nyunyizwa baada ya mimea kujikita

Muda salama wa kuingia shambani
Ni salama kwa mkulima, mfanyakazi kuingia shambani wakati wowote iwapo mchanganyiko wa dawa na maji ulionyunyiziwa umekauka.
Kwa jumba la maua: masaa 12

TAHADHARI
Matumizi
Vaa ngao la kujikinga, viatu na vizuizi vya mikono na uso (face shield), unapo tayarisha mchanganyiko wa dawa na maji na unaponyunyiza dawa. Jihadhari usipumue mvuke wa dawa, mchanganyiko wa dawa usiingie kwenye macho au kumwagikia ngozi na nguo ulizovalia. Usinyunyizie dawa hii ukielekea upande upepo unatoka. Usivute sigara na usile wala kunywa wakati unapotumia dawa hii.

Baada ya kazi
Vua nguo za kazi na vizuizi vya kujikinga, osha mikono na uso kwa kutumia sabuni na maji. Safisha bomba la kunyunyizia dawa na mavazi yaliyomwagikiwa na dawa.

Madhara kwa mimea
Haina madhara kwa mimea ikitumika ilivyopendekezwa.

Madhara kwa mazingira
Merpan 50wp ni sumu kwa samaki. Usichafue mazingira kwa kunyunyizia, kumwaga mabaki ya dawa, kutupa, au kusuza mkoba wa dawa kwenye mito, visima au vidimbwi na chemichemi.

Kuhifadhi
Hifadhi dawa hii katika chombo chake asili ambacho kimefunikwa vizuri na kuwekwa kwenye ghala la madawa lililoidhinishwa. Ni lazima watoto na watu wasio ruhusiwa wakatazwe kuingia kwenye ghala la madawa.

Utupaji
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 pameidhinishwa.
Dawa ambayo haiwezi kutumika ni lazima itupiliwe mbali mahali ambapo ni salama, panapokubaliwa, na mbali na maji. Usitumie mkoba wa dawa kwa matumizi mengine yoyote.

Maelezo ya huduma ya kwanza
Ikimezwa: Mpe mgonjwa maji mengi anywe. Mfanye atapike mpeleke kwa daktari.
Ikiingia machoni: Fungua macho na uyasafishe kwa maji yanayotiririka kwa muda wa dakika 15.
Ikimwagikia ngozi: Osha kwa kutumia maji na sabuni.
MPELEKE MJERUHI KWA DAKTARI.

Maelezo kuhusu sumu
Tiba: Hakuna tiba maalum

Maelezo kwa daktari
Wakati wa dharura piga simu bila malipo(mas aa24)0800720020/0800730030

Ilani kwa mtumiaji
Dawa hii sharti 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 isiyo 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.

MAPENDEKEZO YA MATUMIZI

MAZAO	MAGONJWA	KIWANGO CHA KUTUMIA	WAKATI WA KUTUMIA	MUDA SALAMA WA KUVUNA
Kahawa	Majani kukauka	Kilo 4.7kwa hekta kwa lita 2000 za maji	Nyunyizia mara ukiona dalili za kwanza	
Nanasi	Kuoza kwa majani	Changanya 1% ya Merpan kwa maji	Weka mbegu kwa mchanganyiko wa dawa kabla ya kupanda	
	Kuoza kwa mizizi	Kilo 2 kwa hekta	Nyunyizia mara baada ya kupanda, na rudia baada ya wiki mbili	
	Kuoza wakati wa kuhifadhi na wakati wa kusafirisha	1% ya Merpan kwa maji	Weka matunda kwa mchanganyiko wa dawa mara baada ya kuvuna	
Mahrage	“Damping off” na kuoza kwa mizizi	Kilo 4.8 kwa hekta	Weka kwenye udongo cenimita 7.5-10.0 ndani. Kabla ya kupanda, au kilo 1.5-2.0 kwa hekta kwenye mistari wakati wa kupanda	
Karoti	Ukungu	Kilo 2 kwa hekta	Weka mara dalili ikionekana na rudia baada ya siku 6-10	Siku 6

ADAMA

GENERAL INFORMATION

MERPAN 50 WP is an organic protective fungicide of broad-spectrum activity for the control of various fungal diseases on a wide range of crops.

MERPAN 50 WP can be used as a foliar spray, as soil treatment and seed treatment of certain seed rots, damping-off diseases, as post-harvest dip treatment for fruit.

DIRECTIONS FOR USE/FOLIAR APPLICATION

Mixing: Mix the required amount of MERPAN 50 with a little water and then add this mixture to the bulk of required volume of water in the spray tank and agitate thoroughly.
Usage: Apply by means of any suitable high or low volume sprayer as recommended in the table. For low volume applications use at least 200 liters of water per Ha. For high volume application use 2000 liters of water per Ha or spray to run-off. Rates of application vary according to the disease and prevailing conditions, but the figure 120 GA.I./100 l water may serve as an indication.

Special users of MERPAN

Pre-planting soil treatment

For control of damping-off and root rots for Beans, Peas, Cabbages etc., apply MERPAN as a broadcast treatment working into top 10cm of soil.
Post-harvest dip treatment for fruits against storage rots
Dip fruits for 1 -2 minutes in 1 % MERPAN suspension before storage.

Dip-treatment for cuttings

Dip cuttings in 1 % MERPAN suspension for 1 -2 minutes. Drain and plant. MERPAN 50 WP is a protective fungicide, so the first application should be made just before the disease is expected to appear, with repeat applications at the recommended intervals for as long as protection is required.

Compatibility

MERPAN 50WP may be combined with most commonly used insecticides, fungicides and adjuvants with the exception of strongly alkaline materials. It should not be used in combination with or closely following oil sprays.

Phytotoxicity

Not phytotoxic to the recommended crops if used according to the label instructions.

CROP	DISEASE	RATES OF APPLICATION	TIMING OF APPLICATION	PRE-HARVEST INTERVAL
Coffee	Crinkle Leaf	4.7 Kg/Ha in 2000 litres of water	Spray when the very first symptoms appear	
Pineapple	Heart rot Root rot	1% Merpan solution 2 Kg/Ha	Dip slips into solution just before planting. Apply immediately after planting repeat at 2 weeks intervals	
	Storage and transit rot	1% Merpan solution	Dip/wash fruit after harvesting	
Beans	Damping off and fungus root rot	4.8 kg/Ha	Apply as a broadcast treatment working unto top 7.5-10.0 cm of soil prior to sowing or apply 1.5-2.0 Kg/Ha into row when planting.	
Carrots	Cercospora blight septoria leaf spot	2 kg/Ha	Apply at first sign of disease and repeat at 6-10 days in interval.	6 days

Hazards and safety precautions

May cause allergic skin reactions.
Irritating to eyes, skin, and respiratory system.
Avoid breathing vapors or dust.
Wear protective clothing including goggles, gloves when using the product.
Do not eat, drink or smoke when using the product.
Wash hands and exposed skin before eating, drinking or smoking before meals and after work.

Environmental hazards

Harmful to fish - Do not contaminate ponds, waterways or ditches with chemicals or used container.

Storage

Keep out of reach of children.
Keep in original tightly closed container in a dry, cool, safe place away from food, drink and animal feed-stuffs.

Disposal of containers

Dispose by emptying bag/container completely, puncturing and burying away from water sources.
Do not re-use this container for any other purpose,

First aid instructions

If swallowed: Give a large amount of water to drink, make the person vomit, call the doctor.
If in eyes: Flush eyes immediately with running water for at least 15 minutes and get medical attention if irritation persists.
If on skin: Wash affected area thoroughly with soap and water.If a skin rash develops see a doctor.

Toxicological information

ANTIDOTE - No specific antidote known.
Note to the doctor
Treat symptomatically.

Note to Physician
In case of emergency call toll free number: 0080072002 24 Hours

Notice to the user
This pest control product is 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.

Shelf Life: 2 years from the date of manufacture if stored in unopened original container in a dry cool place.
Maisha rafuni: Miaka 2 baada ya kutengenezwa ikiwa kwenye chombo chake halisi, na hakijafunguliwa, ni ikiwa imewekwa mahali pakavu pasipo na joto nyingi.

In case of Emergency call toll free No.
(Wakatiwa Dharura piga simu bila malipo): 0800720021/ 0800730030(24hrs/ masaa 24)

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Expiry date
Date of Manufacture SEE PACKING
Batch Number

ADAMA