COMRADE® 450 SC

Fungicide for control of Downy mildew on roses and early blight and late blight on potatoes. (Kiua kuvu cha kuthibiti Downy mildew kwenye waridi, na Early na late blight kwenye viazi.)

GUARANTEE (DHAMANA): Propamocarb HCl 400 g/L + Cymoxanil 50 g/L

READ LABEL BEFORE USE(SOMA KIBANDIKO KABLA YA KUTUMIA)
KEEP LOCKED OUT OF REACH OF CHILDREN(FUNGIA MBALI NA WATOTO)
COMMERCIAL & AGRICULTURAL CLASS (KUNDI LA BIASHARA NA KILIMO)
REGISTRATION NO. (NAMBARI YA USAJILI): PCPB (CR) 1429

FUNGICIDE

Manufactured by (Watengenezaji)
Zenith Crop Sciences Bulgaria Ltd
Dimitar Manov str, 1408 Sofia, Bulgaria

In case of poisoning, call (24hr) Toll Free number
Wakati wa kusumika, piga simu (masaa 24)
0800720021/0800730030

Distributed by (Wasambazaji):

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Comrade® 450 SC is a Trademark of (alama ya biashara ya): Greenlife Crop Protection Africa.

Batch No. (Nambari ya kifurushi) 20191101
Date of Manufacture (Tarehe ya kutengenezwa): 11.2019
Expiry Date, (Tumia Kabla ya): 11.2021

Shelf Life (Maisha Rafuni): 2 years from the date of manufacture when stored in original unopened container in a cool dry place.
(Miaka miwili baada ya tarehe ya kutengenezwa kama imehifadhiwa kwenye chombo chake asili pahali pakavu pasipo na joto jingi)

CAUTION
(Tahadhari)

DESCRIPTION: COMRADE® 450 SC is a broad-spectrum systemic fungicide with preventive and curative action for control of Downy mildew on roses and early blight and late blight on potatoes.
MODE OF ACTION: Propamocarb Hydrochloride belongs to **Carbamate** group which disrupts the formation of fungal cell walls by interfering with synthesis of phospholipids and fatty acids. It affects mycelia growth, spore production and germination. **Cymoxanil** belongs to **Cyanoacetamide Oxime** group which has protective and curative action. It has contact and local systemic activity. It acts by inhibiting sporulation.
To manage resistance of **COMRADE® 450 SC**, alternate with other fungicides with different mode of action.
APPLICATION METHOD:

Crop	Diseases	Rate
Roses	Downy mildew	1L/Ha in 1000L of water. (20ml in 20L of water)
Potatoes	Early blight and Late blight	

PHI: Potatoes 14 days
APPLICATION TIMING: Start applying **COMRADE® 450 SC** at the onset of disease development. Repeat application every 7 days
APPLICATION TECHNIQUE: Apply **COMRADE® 450 SC** using 1000L of water per hectare. Ensure adequate coverage of the crop foliage.
PREPARATION OF SPRAY MIXTURE: Fill spray tank with half the amount of required water. Add required amount of **COMRADE® 450 SC** and fill the water to the required level. Agitate to ensure thorough mixing.
RE-ENTRY PERIOD: Do not enter treated areas until 24 hours after spraying unless if wearing appropriate protective clothing.
HAZARD/PRECAUTIONS: Avoid contact with skin and eyes. When using, do not eat, drink or smoke. Wear overalls, safety glasses and impervious gloves. Wash contaminated clothing and other protective equipment before storage or re-use.
STORAGE: Store in the original, closed, container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Keep out of the reach of children.
DISPOSAL: Triple rinse containers before disposal. Puncture or crush empty containers and dispose at a safe designated place away from water sources in accordance with National regulation. Do not reuse empty containers
ENVIRONMENTAL HAZARDS: COMRADE® 450 SC is harmful to fish. Do not contaminate streams, rivers or waterways with the chemical or used containers.
FIRST AID TREATMENT:
Inhalation: Move person to fresh air. If person is not breathing, give artificial respiration, preferably mouth-to-mouth if possible.
Skin contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.
Eye contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes.
Ingestion: Do not give any liquid to the person. Do not induce vomiting. Do not give anything by mouth to an unconscious person. **SEEK MEDICAL ATTENTION.**
TOXICOLOGICAL INFORMATION: Harmful if inhaled or swallowed. Mist or vapour is irritating to eyes and respiratory tract. May cause skin irritation Symptoms of poisoning: Salivation, incontinence and tremor.
Antidote: No specific antidote
Note to the physician: Treat symptomatically.
In case of poisoning; call (24hr) toll free number 0800720021 or 0800730030
NOTICE TO USERS: 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 Product Act to use or store a pest product under unsafe conditions.
WARRANTY: Sellers 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 this product and accepts the product on that condition.

MAELEZO: COMRADE® 450 SC ni kiua kuvu cha kuthibiti Downy mildew kwenye waridi, na Early na late blight kwenye viazi.
INAVYOFANYA KAZI: Propamocarb Hydrochloride iko kwenye kikundi cha **Carbamate** ambacho hutatiza ukuaji wa viini vya fungi vinavyotengeneza phospholipids na fatty acids Pia hutatiza uzalishaji na kuzuia kumea na kukua kwa viini hivyo. **Cymoxanil** iko kwenye kikundi cha **Cyanoacetamide oxime** ambacho hukinga na kuponya mimea kutokana na viini.
Kudhibiti uzoefu wa **COMRADE® 450 SC**, badilisha na kiua kuvu kinachofanya kazi kwa njia tofauti.
KIPIMO CHA KUTUMIA:

Mimea	Magonjwa	Kipimo
Waridi	Powdery mildew	Lita 1 kwa hektari kwa lita 1000 za maji (mililita 20 kwa lita 20 za maji)
Viazi	Early blight na Late blight	

MUDA SALAMA KABLA KUVUNA: Viazi siku 14.
WAKATI WA KUTUMIA: Anza kutumia **COMRADE® 450 SC** wakati dalili za magonjwa zinapoonekana kwenye mimea. Rudia kila baada ya siku 7.
JINSI YA KUTUMIA: Nyunyizia mimea kwa kutumia kiasi cha lita 1000 za mchanganyiko wa dawa na maji kwa hektari moja, ili kuhakikisha dawa imesambazwa vizuri kwenye matawi na maua.
JINSI YA KUCHANGANYA: Tia nusu ya kiasi cha maji yanayohitajika kwenye bomba halafu ongeza kiwango cha **COMRADE® 450 SC** kinachohitajika. Kisha ongeza maji yaliyobakia huku ukikoroga vizuri.
MUDA SALAMA WA KUINGIA PALIPONYUNYIZIWA: Usiingie paliponyunyiziwa kabla ya masaa 24 kukamilika. Ikiwa utalazimika kuingia, vaa mavazi rasmi ya kujikinga
TAHADHARI: Vaa mavazi ya kinga ya uso, mifuko ya raba ya mikono,overal na viatu visivyopenyeza dawa unapochanganya na kunyunyizia dawa hii. Usinyunyizie dawa hii ukielekea unakotoka upepo. Epuka dawa kuingia kwenye macho, mapua au kugusana na ngozi. Usile, kunywa wala kuvuta sigara unapoitumia dawa hii. Baada ya kutumia dawa, osha vizuri bomba ya kunyunyizia dawa na mavazi ya kujikinga. Oga mikono na uso kwa maji na sabuni.
KUHIFADHI: Dawa hii yafaa kuhifadhiwa kwenye chombo chake asili, pahali pakavu, pasipo na joto jingi huku ukiepuka kuchanganya na vyakula. Weka mbali na watoto.
UTUPAJI: Chombo kitupu cha dawa hii chafaa kusafishwa mara tatu, kutobolewa na kutupwa pahali palipotengwa, mbali na chemichemi au hifadhi ya maji kulingana na sheria na masharti za utupaji kemikali. Usitumie chombo kitupu kwa kazi zingine zozote.
ATHARI KWA MAZINGIRA: COMRADE® 450 SC haina madhara kwa ndege, nyuki. Yadhuru samaki, kwa hivyo dawa yenyewe, mabaki yake au chombo kitupu hazifai kutumiwa au kutupwa kwa njia itakayokuchafua visima, mito, vidimbwi, au chemichemi za maji.
HUDUMA YA KWANZA:
Ikivutwa kwa mapua: Peleka mhadhiriwa palipo na hewa safi. Ikiwa hapumui, msaidie kupumua.
Ikigusana na ngozi: Vua nguo zilizogusana na dawa, Safisha ngozi vizuri kwa maji mengi kwa dakika 15-20.
Ikiingia kwa macho: Fungua na kuyaosha macho kwa maji mengi kwa dakika 15-20.
Ikimezwa: Usimnyweshe chochote mhadhiriwa. usimtapishe mhadhiriwa. **PELEKA MJERUHI KWA DAKTARI.**
MAELEZO KUHUSU SUMU: Inadhuru ikimezwa, ikiingia machoni au ikigusa ngozi.
Dalili za kusumika: Kutokwa na mate, kutetemeka, kuenda haja ndogo na kubwa pasipo kujimudu.
Makata: Hakuna tiba maalum.
Arifa kwa daktari: Tibu kulingana na dalili za kusumika.
Wakati wa kusumika, piga simu (masaa 24) bila malipo 0800720021 au 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 kihifadhi dawa hii katika hali isiyo salama.
THIBITISHO: Dhamana ya muuzaji ni maelezo yaliyo kwenye kibandiko ambayo lazima yafuatwe kikamilifu. Mnunuzi lazima akubali hatari zozote zinazoweza kutokana na matumizi ya dawa hii kwa binadamu au mali na lazima alikubali dawa katika hali hiyo.

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