



**Kiuakuvu kwa ajili ya magonjwa yaletwayo na kuvu kama vile late blight kwenye nyanya, viazi na downy mildew kwenye Roses, Carnations, Chrysanthemum, Statice and Gypsophila.**

**Dhamana:** Gramu 250 za mandipropamid kwa lita moja

#### Inavyofanya kazi

Mandipropamid inauwezo mkubwa wa kudhibiti magonjwa katika jamii kuu za kuvu zinazoathiri mimea ijulikanavyo kama Oomycetes. Kiwango kikubwa cha mandipropamid huingia kwenye sehemu ya nta ya matawi baada ya kunyunyizwa na hivi kuhakikisha haijaoshwa na mvua mara tu inapokauka kwa mmea. Mandipropamid huzia kuota kwa kuvu na kukua kwa kuvu. Kwa vile mandipropamid huingia ndani ya mimea kwa kupitia matawi huwezesha dawa kupatikana chini ya matawi na kuzuia magonjwa.

#### Ustahimilivu ya mimea

Mandipropamid ikitumika vile imependekezwa haiwezi kudhuru mimea au maua kwa mfano Valentiano, Cream prophyta, Golden gate, Candid prophyts, Ruti, Tropical Amazon, Escimo, Beach, Gold strike, Calibra, Dream, Chelsea, Red calypso, Sun beam, Arabia n.k. Lakini kwa vile maua aina tofauti yaendele kukuzwa, ni vyema kunyunyiza sehemu ndogo ya aina mpya ya maua kuhakikisha ustahimilivu.

#### Mweneo wa matumizi

Revus 250 SC inaua magonjwa kwa jamii ya Oomycetes kama vile late blight kwa viazi na nyanya (Phytophthora infestans), downy mildew kwa cucurbits (Pseudoperonospora cubensis), downy mildew kwa mboga (Bremia lactucae) na downy mildew kwa maua (Peronospora sparsa).

#### Maelezo juu ya matumizi

Revus 250 SC inapendekezwa kunyunyizwa kabla ugonjwa haujaingia kwenye mimea.

Mimea	Ugonjwa	Kiwango cha dawa
Nyanya na viazi	Late blight (Phytophthora infestans)	0.6lt/ha (mililita 20/bomba)
Roses, Carnations, Chrysanthemum, Statice and Gypsophila	Downey mildew (Pereonospora sparsa)	0.6lt/ha

#### Siku za kupita kabla ya kuvuna baada ya mnyunyizo

Nyanya na Viazi: siku 3

#### Mda wa kunyunyiza

Nyunyiza REVUS mara 2-3 kwa msimu mmoja kwa kurudia mnyunyizo kila siku 7-10. Kwa haya masiku, rudia baada ya siku 7 wakati ugonjwa umezidi na 10 wakati ugonjwa umepungua. Baada ya kunyunyiza mara tatu tumia kiuu kuvu kilicho na uamalifu tofauti kama vile Ridomil Gold, Folio Gold au Ortiva.

#### Kunyunyiza

Hakikisha bomba unayotumia imesawazishwa ili kiwango cha maji kinachopendekezwa kifiki mimea. Bomba zinazoweza kutumiwa kunyunyiza ni kama Trakto boom, bomba la mgongo na mist blowers. Tumia maji kiasi cha 500 kwa mboga na 1000 kwa maua kwenye hekta moja. Kiasi cha maji kinategemea ukubwa wa mimea.

#### Uchanganyaji

Hakikisha bomba unalotumia ni safi na halina masalia ya kiuatilifu kingine. Jaza robo ya bomba na maji safi, kisha weka kiasi kinachohitajika cha REVUS. Koroga mchanganyiko vizuri. Maliza kujazia kiasi cha maji kilichobaki. Tikisa vizuri kabla na wakati wa kunyunyiza.

#### Kuchanganya na maji kwenye bomba

REVUS® ni lazima kuchanganywa na maji kabla ya kuchanganya na dawa zingine.

Kwanza weka kiasi cha maji safi kinachohitajika kwenye bomba la kunyunyiza. Halafu ongeza kiasi cha REVUS® kinachopendekezwa na uchanganye dawa na maji sawa sawa. Halafu ongeza dawa ingine. Kila mara changanya dawa na maji mara tu unapotaka kunyunyiza. Changanya tu kiasi cha dawa kitakachoweza kutumiwa na kumalizika siku hiyo

#### Kusafisha bomba

Safisha bomba kwa maji safi baada ya kutumia. Weka kiasi cha maji 1:10. Maji uliyotumia kusafisha yanyunyize kwenye mazao baada ya kuchanganya na maji mengi.

#### Usalama kwa mtumiaji

Epuka dawa kugusana na mwili, macho au nguo. Usivute hewa yenye utusitisi wa dawa. Vaa nguo za kazi, yaani ovaroli, glavu, buti, kofia, ngao la sura, hasa wakati wa kukoroga na kunyunyiza dawa. Usile, kunywa, au kuvuta sigara wakati wa kufanya kazi na dawa. Ukimwagikiwa na dawa mwilini au nguoni, osha mara moja kwa maji safi na sabuni. Baada ya kazi oga mwili wote kwa sabuni. Safisha nguo za kazi kabla ya kuzitumia tena. Ukiingwa na sumu acha kufanya kazi mara moja na ufuate maelezo ya huduma ya kwanza kama ilivyoelezwa hapa chini. Kama kiwango cha sumu ni kikubwa, muite daktari na umuonyeshe maelezo haya.

#### Huduma ya kwanza

Ukijisihani sumu imekuingia, acha kazi mara moja na fuata huduma ya kwanza kama ifuatavyo. Endapo dawa imekumwagikia, vua nguo zilizochafuka, nawa haraka kwa maji mengi na sabuni sehemu zote za mwili zilizopata dawa. Kama dawa imeingia kwenye macho yasafishe kwa maji mengi safi kwa angalau dakika 15. Kama umevuta utusitisi wa dawa, nenda kwenye sehemu yenye hewa nyingi. Endapo dawa imemezwa, mgonjwa apewe mkaa wa hospitali uliochanganywa na maji mengi. Daktari aitwe mara moja kama kiasi kikubwa cha dawa kimemezwa. **Zingatia:** mgonjwa aliyepoteza fahamu asilishwe au kunyeshwa kitu chochote kwa njia ya mdomo, na wala asitapishwe.

#### Wakati wakuingia mahali pamenyunyizwa dawa

Usiingie mahali pamenyunyizwa dawa kama hapajakauka. Kama si hivyo hakikisha umevaa nguo za kujikinga dawa baada ya masaa 4.

**Kiwango cha sumu:** WHO III

**Kinga:** Hakuna kinga maalum. Matibabu ni vile atakavyoona daktari.

#### Tahadhari

**HIFADHI MBALI NA WATOTO, mifugo na watu wasiohusika nayo.**

#### Hifadhi ya mazingira

Ni sumu kali kwa viumbe wa majini, yaweza kuwa na athari za muda mrefu kwenye mazingira ya majini. Usimwage dawa ovyo ovyo mtoni au kwenye kisima. Mifugo isichungwe sehemu zilizonyunyizwa dawa karibuni.

#### Dawa imalizikapo

Dawa ikisalia imwage kwenye shimo iliyotengwa maalum kwa kazi hiyo mbali na vyanzo vya maji. Suuza viwekeo vya dawa vilivyo tupu mara tatu na maji hayo ya nyunyizwe kwenye majani. Viwekeo vyote vichomwe au kufukiwa kwenye mashimo mbali na vyanzo vya maji. Kaa mbali na moshi utokanao na kuchomwa kwa viwekeo vya dawa. Viwekeo vikiisha dawa visitumike kwa shughuli yoyote, hasa kuweka vyakula ama maji yakunywa.

#### Kumwagika na kuvuja viwekeo vya dawa

Udongo uliomwagikiwa na dawa uchofwe vizuri na ukaufukie mahali salama mbali na vyanzo au njia za maji. Kusanya dawa iliyomwagika kisha ifukie au weka kwenye mfuko wa plastiki na ukazike sehemu iliyo mbali na vyanzo vya maji. Sehemu iliyomwagikiwa dawa isafishwe kwa maji mengi.

**Zingatia:** Dawa iliyomwagika isitumike tena.

#### Kuhifadhi

Hifadhi mahali pakavu mbali na vyakula, watoto na mifugo. Chumba chenye dawa kiwe kikavu na chenye hewa ya kutosha na daima kiwe kimefungwa. Joto lisizidi 35C.

#### ILANI KWA MTUMIAJI

Dawa hii ni 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.

#### DHAMANA

Dhamana ya muuzaji ni maelezo yaliyo kwenye kibandiko ambayo ni lazima yafuatwe kikamilifu. Mnunuzi lazima akubali hatari zozote zinazoweza kutokana a matumizi ya dawa hii kwa binadamu au mali na lazima aikubali dawa hii katika hali hiyo. Mapendekezo ya REVUS® yanalingana na ujuzi wa watengenezaji mpaka wakati huu. Ukinzani wa kuvu waweza kutokea na hivi kuadhiri ufanisi wa dawa. Mtengenezaji hatajihusisha na hasara kutokana na hali hii au dawa kutumiwa vibaya ama kuhifadhiwa vibaya.

4

#### Fungicide

**Foliar fungicide for the preventive control of late blight in tomatoes, Potatoes and downy mildew in Roses, Carnations, Chrysanthemum, Stative and Gypsophila**

#### Active Ingredient

Mandipropamid: 250 g/litre

#### Mode of Action

Mandipropamid is highly active against foliar Oomycete pathogens. A large proportion of mandipropamid is adsorbed into the waxy layer of plant surfaces after application assuring excellent rain fastness as soon as the spray liquid has dried. Mandipropamid is highly active against spore germination. Uptake into the leaf tissue assures good translaminar activity. Mandipropamid inhibits mycelial growth during the incubation period.

#### Crop Tolerance

REVUS 250 SC is highly selective in all field grown crops, where it is recommended. Like other plant protection products, selectivity in crops grown under cover must be carefully evaluated e.g. varieties, growing conditions. When used as recommended REVUS is safe for use in various rose varieties e.g. Valentiano, Cream prophyta, Golden gate, Candid prophyts, Ruti, Tropical Amazon, Escimo, Beach, Gold strike, Calibra, Dream, Chelsea, Red calypso, Sun beam, Arabia e.t.c. However due to often introductions of new varieties in the market, it is advisable to test phytotoxicity on a few plants before spraying.

#### Spectrum of Activity

REVUS 250 SC is highly active against foliar Oomycete pathogens such as late blight in potatoes and tomatoes (Phytophthora infestans), downy mildew in cucurbits (Pseudoperonospora cubensis), downy mildew in lettuce (Bremia lactucae) and ornamentals (Perenospora sparsa).

#### IPM-Fitness

REVUS 250 SC is safe to beneficial insects and honeybees.

#### Directions for Use

REVUS 250 SC is recommended for preventive applications of diseases.

Crop	Disease	Rate
Tomatoes, Potatoes	Late blight (Phytophthora infestans)	0.6lt/ha (20ml/Knapsack)
Roses, Carnations, Chrysanthemum, Stative and Gypsophila	Downey mildew (Peronospora sparsa)	0.6lt/ha

#### Pre-harvest Interval

Tomatoes and Potatoes: 3 days

#### Spray intervals

Start applications, when the risk of disease infections is high as a preventative spray. Apply REVUS at intervals of 7-10 days. Apply at 7 day intervals during conditions of high disease pressure, spray intervals can be extended to 10 days under conditions of low disease pressure.

A re-entry period in the sprayed areas of minimum 4 hours should be observed and before re-entry of the sprayed area when dry, wear protective clothing.

#### Resistance Management

REVUS 250 SC is recommended in spray sequence or alternation with products with different modes of actions. Blocks of 2-3 applications of REVUS 250SC can be applied in alternation with blocks of 2-3 applications of products with different modes of action e.g. Ridomil Gold, Folio Gold and Ortiva.

For resistance management generally no more than 1/2 of all fungicide treatments per season should be made with REVUS 250 SC or with other products containing fungicides from the same mode of action group.

#### Application

Make sure the equipment is properly calibrated to give even distribution at the correct spray volume. Tractor sprayers with boom and nozzles, knapsack sprayers and motorized mist blowers are recommended. Use at least 500-1000lt/ha thorough

5

coverage of dense foliage is required

Whenever tank mixes are used first carry out a physical compatibility test. Fill the spray tank 1/4 full with clean water, start agitation, add the measured quantity of REVUS and continue to fill the spray tank. Use sufficient agitation during mixing and application to maintain a uniform suspension.

#### **Sprayer clean-up procedure**

Flush the sprayer with clean water after application or at the end of the day by spraying the rinsing at a dilution rate of at least 1:10 (spray mixture: rinsing) on the top.

#### **Operator Safety**

AVOID contact with concentrate or spray mixture on skin, eyes or clothing. DO NOT inhale the spray mist. DO NOT eat, drink or smoke while handling the product, wash hands and face before eating, drinking or smoking. If any indisposition occurs, stop work, follow first aid measures, and call a physician.

WEAR protective clothing during preparation and application of the product, i.e., for mixing/loading: impermeable gloves, face mask; for application wear overalls, hat or cap; facemask, gumboots and impermeable gloves.

After work change clothing and thoroughly clean protective equipment and clothing before re-use.

#### **First Aid**

If poisoning is suspected or any indisposition occurs, stop work immediately, apply first aid measures and call a physician and show the label. In case of skin contact, remove contaminated clothing and thoroughly wash the affected parts of the body with soap and water. In case of eye contact rinse eyes with plenty of clean water for at least 15 min. If inhaled move to clean fresh air. If swallowed, repeatedly administer medicinal charcoal in plenty of water. Seek medical advice immediately if a large volume of concentrate was ingested.

Note: Never give anything orally to an unconscious person and never induce vomiting.

#### **TOXICOLOGICAL INFORMATION**

Poisoning symptoms

No case of human poisoning is on record

**WHO Classification III (unlikely to present acute hazard in normal use)**

#### **Antidote**

No specific antidote is known; apply symptomatic therapy

#### **Environment and Wildlife**

DO NOT contaminate water used for irrigation or domestic purposes and water areas, such as ponds, ditches, lakes, drainage systems, etc. by disposal of product waste. Newly treated areas must not be grazed and all livestock is to be kept out. Do not contaminate food or feed.

#### **Spillage and Leakage**

Remove heavily contaminated soil layer and bury in a safe place away from water supplies. Collect up spilt material thoroughly and bury it in a safe place or put it in a waste bin or in a plastic bag and dispose of on a landfill-site approved for pesticides. Rinse spill area with plenty of water.

Note: Spilt product must not be re-used.

#### **Product and Container Disposal**

Dispose of surplus product on a landfill site approved for pesticides or bury in a safe place away from water supplies. Dilute surplus application mixture, pour it broadcast on fallow land. Empty the containers well, rinse at least three times and add the rinse solution to the spray tank. Dispose of containers made of cardboard, paper or plastic on a landfill site or burn in a safe place. If burned stay out of the smoke. Be sure that the smoke or fumes will not damage nearby plants, crops or trees, or harm re-use animals. DO NOT re-use empty containers for any other purpose especially not for storing food or water.

#### **Storage Conditions**

Store away from sun and damp, in original tightly closed containers in a well ventilated area apart from food and feed, under lock and key. AVOID storage below -10°C and above +35°C. Store under lock and key, away from food stuffs, drinking water, animal feed, children, animals and unauthorised persons.

#### **NOTICE TO USER**

This pest control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use or store a pest control 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 of this product and accepts the product in that condition

NO TEXT HERE

GLUE PAGE

PAGE NUMBER SEQUENCING IS DETERMINED BY THE FINAL LEADING EDGE.  
RIGHT HAND STARTS FROM BACK OF BOOKLET. LEFT HAND STARTS FROM FRONT OF BOOKLET.  
FIRST (FRONT) PAGE IS ALWAYS FIXED ON TOP OF BOOKLET.