

Suspension Concentrate. Fungicide for the control of Rust, Angular leaf spot and anthracnose in French bean; Ascochyta leaf spot and powdery mildew on snow peas; and powdery mildew on Roses.

Active ingredient: Azoxystrobin 200 g/lit, Difenoconazole 125 g/lit.

Mode of action: Azoxystrobin inhibits spore germination at the early stages of fungal development this confers excellent protection against invasion by fungal pathogens. It is also active against post-germination stages of the life cycle in a broad range of fungal species. Azoxystrobin also confers anti-sporulant activity against a wide range of diseases.

Difenoconazole is taken up by the plant and acts on the fungal pathogen during penetration and haustoria formation. It stops development of the fungi by interfering with the biosynthesis of sterols in cell membranes. Although the mode of action permits protective and curative use, it is recommended to apply the product early enough to avoid irreversible crop damage and build up of the disease.

Spectrum of Activity: Fungicide for the control of Rust, Angular leaf spot and anthracnose in French bean; Ascochyta leaf spot and powdery mildew on snow peas; and powdery mildew on roses.

IPM-Fitness: Ortiva Top® 325 SC can be recommended for use in an IPM system.

DIRECTIONS FOR USE

Crop	Disease	Rate/ha	Rate/20L
Roses	Powdery mildew (Sphaerotheca pannosa)	0.75-1.0 lt/ha	15-20ml/20mL
SnowPeas	Powdery mildew , ascochyta leafspots	0.5 lt/ha	10ml/20mL

French Beans	Angular leaf spots, rust, anthracnose	0.5 lt/ha	10ml/20mL
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Observe Re-entry Interval of 12 hours

PHI: Snow Peas and French Beans: 7 days.

Timing of Application: The first spray should be timed at the onset of disease development. For ornamental diseases, a maximum of 2 time applications of Ortiva Top® 325 SC are recommended as from the onset of disease. It is important that applications are purely preventative, i.e. applications are made timely, for effective disease control. Applications must be made at 14 day intervals.

Crop Tolerance: Ortiva Top® 325 SC is selective in all field grown crops, where it is recommended. As for other plant protection products, selectivity in crops grown under cover must be carefully evaluated e.g. varieties, growing conditions. When used as recommended Ortiva Top® 325 SC is safe for use in various rose varieties e.g. Valentino, Candid prophyta, Duo unique, Electra, Engima, Queen bee, Viva, Samoa, Akito. However due to often introductions of new varieties in the market, it is advisable to test phytotoxicity on a few plants before spraying. When used as recommended Ortiva Top® 325 SC is well tolerated by the various crops. The use of high rates may cause phytotoxicity to the crop.

Resistance Management: Ortiva Top® 325 SC is recommended in spray sequence or alternation with products with different modes of actions. Blocks of 2 applications of Ortiva Top® 325 SC can be applied in alternation with blocks of 2-3 applications of products with different modes of action. For resistance management generally no more than 1/2 of all fungicide treatments per season should be made with Ortiva Top® 325 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 500-1000 lt/ha thorough 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 Ortiva Top® 325 SC 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.

Precautionary measures:

KEEP LOCKED UP OUT OF REACH OF CHILDREN and other unauthorized persons, and animals.

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.

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.

PRODUCT AND CONTAINER DISPOSAL:

Dispose of surplus product in accordance with the National Legislation and Regulation on disposal 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. Crush, perforate empty containers and dispose in accordance with the National Legislation and Regulation on disposal in a safe place away from water supplies.

DO NOT re-use empty containers for any other purpose especially not for storing food or water.

Spillage and Leakage: Remove heavily contaminated soil layer and dispose in safe place away from water supplies. Collect up spilt material thoroughly and dispose in a safe place or put it in a waste bin or in a plastic bag and dispose of in accordance with the National Legislation and Regulation on disposal.

Note: Spilt product must not be re used.

ENVIRONMENT AND WILDLIFE: Toxic to aquatic organisms. 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.

FIRST AID INSTRUCTIONS: 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.

Note to the doctor: Apply symptomatic therapy.

In case of Poisoning Call Toll free No.: 0800720 021/ 0800730 030 (24 hr).

Antidote: No specific antidote is known; apply symptomatic therapy.

NOTICE TO THE 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: 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 in that condition.

Huchanganyika na maji.

Kiua kuu chenye mweneo mpana kwa kudhibiti na kuponya magonjwa kama Rust, Angular leaf spot na anthracnose kwa french beans ; Ascochyta leaf spot na powdery mildew kwenye mbaazi; na powdery mildew kwa roses.

Dhamana: Gramu 200 za Azoxystrobin kwa lita, gramu 125 za Difenoconazole kwa lita.

Inavyofanya kazi: Ortiva Top® 325 SC ina vyambato viwili vyenye namna tofauti ya kufanya kazi kwa uzuiji wa magonjwa. Azoxystrobin ni kiuakuvu kinachonyonywa na majani chenye mweneo mpana kwa kudhibiti magonjwa kwa kuzuia kuota kwa kuvu na kukua kwa kuvu. Ina nguvu ya kuuu kuvu iliyoota. Difenoconazole hunyonywa na mimea na kuzuia kuvu kuingia kwa mimea. Pia huzuia kuvu iliyoingia tayari kwa mimea kuendelea kukuuu. Nguvu ya dawa hizi mbili huzui ugonjwa kuenea. Ortiva Top® 325 SC inazuia na kuponya magonjwa yanayo shambulia mimea.

Mweneo wa matumizi: Ortiva Top® 325 SC ina uwezo mkubwa wa kudhibiti magonjwa katika jamii kuu za kuvu zinazoathiri mimea zijulikanovyo kama Oomycetes, Ascomycetes, Basidiomycetes, Deutromycetes. Haya magonjwa ni kama vile powdery mildew , downy mildew , rusts, blights, smuts, leaf spots na magojwa ya mizizi.

MAELEZO JUU YA MATUMIZI

Mimea	Ugonjwa	Kiwango cha dawa	Rate/20L
Roses	Powdery mildew (Sphaerotheca pannosa)	0.75-1.0 lt/ha	15-20ml/20L
Mbaazi	Powdery mildew , ascochyta leaf spots	0.5 lt/ha	10ml/20L
Maharagwe	Angular leaf spots, anthracnose	0.5 lt/ha.	10ml/20L

Kipindi cha kungojea kabla ya kuvuna: Maharagwe na mbaazi: siku 7.

Mda wa kunyunyiza: Nyunyiza Ortiva Top® 325 SC mara 2 kwa msimu mmoja kwa kurudia mnyunyizo kila siku 14. Baada ya kunyunyiza mara mbili tumia kiua kuu kilicho na uamalifu tofauti.

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

Uchanganyaji: Hakikisha bomba analotumia ni safi na halina masalia ya kiuatifu kingine. Jaza robo ya bomba na maji safi, kisha weka kiasi kinachohitajika cha Ortiva Top® 325 SC. Koroga mchanganyiko vizuri. Maliza kujazia kiasi cha maji kilichobaki. Tikisa vizuri kabla na wakati wa kunyunyiza.

Kuchanganya na maji kwenye bomba: Ortiva Top® 325 SC 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 Ortiva Top® 325 SC kinachopendekezwa na uchanganyo 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 hio.

Wakati wakuingia mahali pamenyunyizwa dawa: Usiingie mahali pamenyunyizwa dawa kama hapajakauka. Kama si hivyo hakikisha umevaa nguo za kujikinga dawa.

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.

Tahadhari:

HIFADHI MBALI NA WATOTO, mifugo na watu wasiohusika nayo.

Usalama kwa mtumiaji: Epuka dawa kugusana na mwili, macho au nguo. Usivute hewa yenye utusitusi 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 sabuni. Baada ya kazi oga mwili wote. Safisha nguo za kazi kabla ya kuzitumia tena. Ukiingwiwa 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.

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 lisiwe chini ya -10 au lisizidi 35°C.

DAWA IMALIZIKAPO: Dawa ikisalia itupe sehemu 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. Ponda ponda na uvitoboe kisha uvitupe kulinga na Sheria na Kanuni za Nchi za utupaji mbali na vyanzo vya maji. Viwekeo visitumike kwa shughuli yoyote, hasa kuwekea vyakula ama maji ya kunywa.

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.

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.

HUDUMA YA KWANZA: Ukijisihi sumu imekuingia, acha kazi mara moja na fuata huduma ya kwanza kama ifuatavyo. **Endapo dawa imekumwagikia**, vaa nguo zilizochafuka, nawa haraka kwa maji mengi na sabuni sehemu zote za mwili zilizopata dawa. **Kama dawa imeingia kwenye macho** yasafishe kwa maji safi kwa dakika 15. **Kama umevuta utusitusi 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. PELEKA MJERUHI KW A DAKT ARI.

Zingatia: Mgonjwa aliyepoteza fahamu asilishwe au kunyeshwa kitu chochote kwa njia ya mdomo, na wala asitapishwe.

Kukiwa na Kusumika piga simu isitozwa Nambari: 0800 720 021/ 0800 730 030 (**masaa 24**).

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

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 na Matumizi ya dawa hii kwa binadamu au mali na lazima aikubali dawa hii katika hali hiyo.