

GENERAL INFORMATION

Polar 50 is a systemic antibiotic fungicide for control of powdery mildew and prevents damage by botrytis in flowers during post-harvest, in storage and transportation.

DIRECTIONS FOR USE

Ornamental Crops	Disease	Rate (Gm/100L)	Plus Biofilm (cc/100L)
Roses in Greenhouse	Powdery mildew & Botrytis	25	30-50
Post-Harvest Treatment	Botrytis in cold storage & transport	50	50

Timing of application

Start spraying Polar 50 when the first signs of disease infestation are seen and continue at weekly interval until signs of the disease disappear. For best results, add Bio-Film to the spray mixture in order to aid the activity of the fungicide.

Preparation of spray mixture

Fill the spray tank with half amount of water. Add the required amount of Polar 50 and Biofilm and mix or agitate thoroughly. Add the remaining amount of water and mix or agitate to uniformity.

Application technique

It is important to ensure that good coverage of the target crop foliage is achieved. Always apply Polar 50 until the spray runs off.

A spray volume of 800 — 1000 L per Ha is recommended for flowers. As a post-harvest treatment for roses, it is recommended that Polar 50 should be applied on the flowers after sorting and grading, and prior to cold storage. Flowers should be sprayed thoroughly to ensure spray coverage on the foliage and flower buds. Care should be exercised to ensure that wet flowers are not put in the cold store.

Compatibility

Polar 50 is compatible with most crop protection agents. However, it is recommended that the user should conduct compatibility and crop safety tests before applying in spray mixture with other products.

Disease resistance

Continued use of Polar 50 alone for an extended period could lead to development of resistant fungal strains. To avoid development of resistance, alternate Polar 50 after 2-3 consecutive sprays with other fungicides with a different mode of action.

Waiting period

Sprayed green house or crop field can be re-entered after the spray has dried.

HAZARDS/PRECAUTIONS

Polar 50 has no known risks to human when used correctly.

Handling

Wear gloves when preparing the spray mixture, and protective clothing, namely - overall, gloves, goggles, gumboots and respirator when spraying the product. Avoid breathing the spray mist. Avoid 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. Carefully wash the spraying equipment.

Storage: Polar 50 is hygroscopic. It must be kept in its original, sealed container in a cool, dry and ventilated place under lock and key. Keep away from foodstuff, beverages, animal feed and packaging materials used for these commodities. There should be no entry to the store by unauthorized people.

Disposal

Dispose of empty containers by burning or burying 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.

WILDLIFE AND ENVIRONMENTAL PROTECTION

Polar 50 is relatively non-toxic to mammals, birds and bees. The product is toxic to fish and other aquatic life. Do not contaminate ponds and waterways by direct application, cleaning of equipment, disposal of wastes or empty container.

FIRST AID INSTRUCTIONS

If in contact with skin: Wash the skin with plenty of water and soap.

If in contact with eyes: Rinse thoroughly with running water.

If swallowed: Rinse the mouth with water and induce vomiting if possible.

In all cases, seek medical treatment as it is considered necessary.

TOXICOLOGICAL INFORMATION

Is practically not toxic under normal use.

Treatment: There is no specific treatment. Treat the patient symptomatically.

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.

JINSI YA KUTUMIA

Polar 50 ni dawa aina ya "antibiotic" ambayo uponyesha ugonjwa wa powdery mildew kwa mimea aina ya mapambo na pia kulinda au kuzuia mazao ya mapambo dhidi ya ugonjwa wa botrytis wakati wa kuhifadhi na kusafirisha.

MAPENDEKEZO YA MATUMIZI

Mimea ya mapambo	Ugonjwa	Kiwango (gramu/lita 100)	Kiwango cha Biofilm (mililita/ lita 100)
Roses ikiwa kwa shamba	Powdery mildew Botrytis	25	30-50
Mazao ya mapambo	Magonjwa ya botrytis kwa maua inapohifadhiwa na kusafirishwa.	50	50

Wakati wa kutumia

Anza kunyunyizia Polar 50 wakati dalili za ugonjwa zimeanza kutokea na urudie mara 2 - 3 baada ya kila siku saba hadi wakati dalili za ugonjwa zitakapozizimia.

Iwapo matokeo ya hali ya juu inatarajiwa, changanya mchanganyiko wa dawa hii na Biofilm ili kuongeza nguvu ya Polar 50 dhidi ya magonjwa.

Kutayarisha dawa

Changanya kiasi kinachohitajika cha Polar 50 kwa kiasi kidogo cha maji. Ongeza kiasi cha maji kilichosalia ukiendelea kutingisha bomba. Hata wakati wa kunyunyizia ni muhimu kuendelea kutingisha bomba. Tumia mchanganyiko wa dawa siku hiyo ulioitayarisha.

Uchanganyikanaji

Polar 50 huchanganyikana na madawa mengi ya kuangamiza wadudu na magonjwa. Ni jukumu la mtumiaji kufanya majaribio ya upatanishi na ubora kwa mimea mbali mbali kabla ya kuchanganya na dawa zingine.

Jinsi ya kutumia

Hakikisha dawa imetawanyika kwa kila sehemu ya mmea (matawi, na kadhalika) kwa kunyunyizia dawa hadi ianze kutiririka. Nyunyizia Polar 50 ukitumia kiwango cha lita 800 - 1000 za maji kwa hektari.

Mtumiaji anajurishwa kwamba utumizi wa Polar 50 pekee mara kwa mara kwa muda mrefu unaweza kusababisha matokeo yasiyoridhisha. Kwa hivyo mtumiaji anashauliwa atumie dawa tofauti baada ya kunyunyizia Polar 50 mara 2 - 3.

Muda wa kusubiri

Mahali Polar 50 imenyunyuziwa panaweza kuingiwa baada ya mchanganyiko wa dawa ilionyuniyiziwa kukauka.

TAHADHARI

Polar 50 haina madhara itumiwapo kuambatana na mapendekezo yalio kwenye kibandiko.

Wakati wa matumizi

Vaa vizuizi vya vidole unapotayarisha dawa, na mavazi maalum ya kinga kama vile "overall", vizuizi vya vidole, macho, pua na mdomo na viatu wakati wa kunyunyizia dawa. Jihadhari isiguse ngozi, macho au nguo. Wakati wote unaponyunyizia, jiepuche na ukungu wa dawa. Usivute sigara, usinywe wala kula unapotumia dawa hii.

Baada ya kazi

Badilisha nguo ulizotumia kisha unawe uso na mikono kwa maji na sabuni. Osha bomba na nguo za kazi kwa uangalifu.

Kuhifadhi

Polar 50 uvuta maji kutoka hewani. Ni lazima ihifadhiwe katika chombo chake asili ambacho kimefunikwa sawa sawa na kuhifadhiwa mahali pasipo na joto ambapo hapaingii maji, palipo na nafasi ya kuingiza hewa na baridi. Iweke dawa hii mbali na vyakula, vinywaji, vyakula vya mifugo na vitu vinavyotumiwa kwa kufungia. Ghala la kuhifadhi lazima likatazwe watoto na watu wasioruhusiwa.

Kuondosha mkoba

Ondosha mkoba wa dawa kwa kuchoma au kuzika pahali palipo salama na panaporuhusiwa. Usitumie kwa matumizi mengine yoyote. Dawa iliyobaki pamoja na maji yaliyoosha chombo au bomba ni lazima yamwagwe kwenye shimo mbali na maji.

MADHARA KWA MAZINGIRA

Polar 50 haina madhara kwa wanyama, nyuki na ndege. Inadhuru samaki na viumbe vingine vya majini. Usichafue visima au mito kwa kunyunyizia, kuosha vyombo, kumwaga mabaki au mikoba ya dawa hii.

MAELEZO YA HUDUMA YA KWANZA

Ikimwagikia ngozi:Osha vizuri kwa kutumia maji na sabuni.

Ikingia kwenye macho:Yasafishe macho kwa maji yanayotiririka.

Ikimezwa:Osha mdomo kwa maji na umtapishe mgonjwa ikiwesekana.

Maumivu ikiendelea **MPELEKE MJERUHI KWA DAKTARI.**

MAELEZO KUHUSU SUMU

Haina madhara katika utumiaji wa kawaida.

Tiba: Haina tiba maalum. Tibu mgonjwa kulingana na dalili za maumivu.

ILANI KWA MTUMIAJI

Dawa hii lazima itumiwe kufuatana na maelezo yaliyokwenye kibandiko. Kulingana na sheria (Pest Control Act) ni hatia kwa mtu yeyote kutumia ama kuhifadhi dawa hii katika hali isiyu salama.

THIBITISHO

Mapendekezo yetu yametolewa tu kama maelezo na kampuni haiwezi kuchukua jukumu kwa hali yoyote ya dawa itakayosababishwa na mabadiliko ya hali ya hapa nchini. Mtumiaji lazima akubali kwamba, huenda pakawa na adhari ikiwa dawa hii imehifadhiwa mahali pabaya au matumizi yasio faa.