

**bacteria Bacillus**

**DESCRIPTION:** STING is a biological product containing the naturally occurring *Bacteria Bacillus subtilis*; effective in controlling fungal and bacterial pathogens.

**MODE OF ACTION:** STING colonizes the plant root system thereby competing with disease organisms.

**DIRECTIONS FOR USE:** Mix the required amount of STING with water and stir thoroughly. Add this mixture to the spray tank and top up to the required amount of water. Spray the crop thoroughly to ensure good coverage but avoid runoff.

**RATES OF USE:**

CROPS	DISEASE	RATE
Potato	Early and Late blight	3L/Ha 12ml/20L Water
Tomato	Early and Late blight, Botrytis, dumping off	
Onion	Botrytis, leaf rot and neck rot	
Rice	Rice Blast and leaf spot	
Roses	Botrytis, Powdery mildew	

**PRE HARVEST INTERVAL:** 0 hours

**RE-ENTRY INTERVAL:** Until spray dries

**PHYTOTOXICITY:** Phytotoxicity: Non-phytotoxic on most crops. However always undertake tests on small areas before large-scale application.

**PRECAUTIONS:** This product is relatively safe to spray operators. However, avoid contact with bare skin and eyes, inhalation of spray mist or swallowing of the product. Wear protective clothing including gloves, face shield, hat, gumboots etc. when handling or spraying the product.

**STORAGE AND DISPOSAL:** Store in tightly closed original container in a cool dry and well ventilated place away from children, livestock, food and feedstuff. It should be stored at 20-25°C. Triple rinse empty container and add washings to spray mixture, then dispose empty container in a safe and authorised place away from human habitation and water sources, in accordance with national regulations and legislation. Do not reuse containers for any other purpose.

**ENVIRONMENTAL HAZARDS:** STING is eco-friendly and does not contaminate ponds or water sources. It is non-toxic to fish, aquatic organisms, bees and other beneficial insect pest. However do not contaminate ponds and water ways by direct application, cleaning equipments, disposal of waste and empty containers.

**TOXICOLOGICAL INFORMATION:** Symptoms of overexposure: Nausea, gastric irritation eye and skin irritation. **Antidote:** No specific antidote.

**FIRST AID INSTRUCTIONS: Skin contact:** Wash with soap and plenty of water. **Eye contact:** Wash with running water for at least 15 minutes. **If ingested:** Induce vomiting by giving excess water and tickling the back of the throat with a clean finger. Seek medical attention. Do not give anything by mouth to an unconscious person. **Inhalation:** Remove victim to fresh air. If not breathing give artificial respiration. Consult a physician.

**In case of Emergency Call Toll free No. 00800720021 (24 hrs)**

**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.

**SELLERS GUARANTEE (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 on that condition.



FOR EXPERIMENTAL USE

# STING

Biological fungicide      Liquid Formulation

Biological product for controlling fungal and bacterial pathogens in roses, rice, onions, tomatoes and potatoes

(Dawa ya kibiologia ya kudhibiti magonjwa ya kuvu na bakteria kwenye waridi, mchele, vitunguu, nyanya na viazi)

Distributed by (Husambazwa na):  
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CONTENTS (KIASI):

1 Ltr

COMMERCIAL AND AGRICULTURAL CLASS  
(KUNDI LA BIASHARA NA KILIMO)

GUARANTEE (DHAMANA):  
*Bacillus subtilis*

REGISTRATION NO. (NAMBARI YA USAJILI):

READ THE LABEL BEFORE USING  
(SOMA KIBANDIKO KABLA YA KUTUMIA)

KEEP LOCKED AND OUT OF REACH OF CHILDREN  
(FUNGIA MBALI NA WATOTO)



**Shelf Life :** 2 years in original unopened container stored in a cool, dry & dark place  
**(Maisha Rafuni:** Miaka miwili toka tarehe ya kutengenezwa ikiwa kwenye chombo chake asili kisichofunguliwa kwenye sehemu tulivu na kavu.)

Batch No. (Nambari ya fungu):

Mfg Date (Tarehe ya kutengenezwa):

Expiry Date (Tumia kabla ya):



CAUTION



**MAELEZO:** STING ni dawa ya kibiolojia iliyotengenezwa kutokana na bakteria ya *Bacteria Bacillus* Inatumika kuangamiza magonjwa ya kuvu na bacteria.

**INAVYOFANYA KAZI:** STING hudhibiti magonjwa kwa kutawala katika mizizi ya mimea na hivyo basi kushindana na 'pathogens' ambazo husababisha magonjwa.

**JINSI YA KUTUMIA:** Changanya kiwango kinachohitajika cha STING na maji kasha koroga. Ongeza mchanganyiko kwenye bomba la kunyunyiza na jaza kiwango cha maji kinachohitajika. Nyunyiza mimea kikamilifu, bila kutiririka.

**VIPIMO VYA MATUMIZI**

CROPS	DISEASE	RATE
Viazi	Early and Late blight	Lita 3 kwa Hektari Mililita 12 kwa lita 20 ya maji
Nyanya	Early na Late blight, Botrytis, dumping off	
Vitunguu	Botrytis, leaf rot na neck rot	
Mchele	Rice Blast na leaf spot	
Waridi	Botrytis, Powdery mildew	

**MUDA SALAMA WA KUVUNA:** Masaa 0 (sufuri)

**MUDA SALAMA WA KUNINGIA PALIPONYUNYIZIWA DAWA:** Mpaka dawa ikauke

**TAHADHARI:** Sio rahisi kwa dawa hii kuchuru mtumizi. Hata hivyo yapaswa ujikinge kutoka kumeza au kugusa dawa wala kuvuta mvuke. Vaa mavazi ya kujikinga kama vile vizuizi vya mikonono na uso, 'overalls' viatu, n.k. usivute sigara, usile wala kunywa wakati unapotumia dawa hii. Vua nguo za kazi na vizuizi vya kujikinga, oga mwili na uvae nguo zingine. Safisha mavazi ya kujikinga kabla ya kutumia tena.

**UHIFADHI NA UTUPAJI:** Dawa hii sharti ihifadhiwe kwenye mkoba wake asili uliofunikwa kikamilifu, mahali pakavu, penye giza na palipo na hewa ya kutosha mbali na watoto, vyakula na vyakula vya mifugo. Hifadhi pahali penye joto ya nyuzi 20-25. Kopo tupu la dawa yafaa kusafishwa mara tatu, na maji hayo kumwagwa kwenye bomba la mchanganyiko wa dawa. Tupa kopo tupu mahali palipo salama na paliporuhisiwa, mbali na makao ya watu na vianzo vya maji, kulingana na sheria za utupaji. Usitumie pakiti tupu kwa matumizi mengine yeyote.

**MAZINGIRA:** STING haina madhara kwa mazingira, tena haidhuru wadudu weenye manufa kama vile nyuki au wadudu wanao winda wale waharibifu. Hata hivyo usichafue mito visima au vidimbwi vya maji kwa dawa hii, mabaki yake au mikoba.

**HABARI KUHUSU SUMU:** Dalili za sumu. Yaweza kuwasha macho na ngozi. Yaweza kuchuru ikimezwa au kuvutwa.

**MAELEZO YA HUDUMA YA KWANZA: Ikguzana na ngozi:** ioshe ngozi kwa maji mengi na sabuni. **Kwenye macho:** yasafishe na maji yanayotiririka kwa muda usiopungua dakika 15.

**Ikgwezwa:** Mtapishe mgonjwa kwa kumpa maji. Usimpe mgonjwa chochote kupitia mdomo ikiwa amezirai. Pata ushauri wa daktari mara moja. **Iktivutwa:** mpeleke mhusika kwenye hewa safi, ikiwa hapumui, msaidie kupumua kwa njia ya "artificial respiration" kisha upate ushauri wa daktari.

**Wakati wa Dharura piga Simu bila malipo kwa 00800720021**

**ILANI KWA MTUMIAJI:** Dawa hii sharti itumie kulingana na maagizo yaliyo kwenye kibandiko. Ni hatia chini ya sheria za madawa ya kuangamiza wadudu waharibifu kutumia au kuhifadhi dawa hii katika hali isiyu salama.

**THIBITISHO:** Dhamana ya muuzaji ni maelezo yaliyo kwenye kibandiko ambayo ni lazima yafuatwe kikamilifu. Mrunuzi lazima akubali hatari zozote zinazoweza kutokana na matumizi ya dawa hii kwa binadamu au mali na lazima akubali dawa hii katika hali hiyo.