Sivanto Prime
SL 200

Guarantee (Shemana): Flupyradiflorone g/L
An insecticide for the control of Thrips on roses, aphids, whiteflies and thrips in tomatoes.
Kuadudu kinachohihili 'Thrips' kwa wardii, 'aphids', wadudu usepe na 'thrips' kwa nyanya.

GROUP 4D INSECTICIDE
COMMERCIAL AND AGRICULTURAL CLASS / KUNDI LA BIASHARA NA KILIMO
READ THE LABEL BEFORE USING / SOMA KIBANDIKO CHA MAELEZO KABILA YA KUTUMIA
KEEP LOCKED UP OUT OF REACH OF CHILDREN / FUNGA KWA KUFULI MBALI NA WATOTO

Batch no / Namba ya furushi:
Manufacturer date / Tarehe ya kutengenezwa:
Expiry date / Tumia kabila ya:

Shelf Life:
2 years from the date of manufacture in unopened original container when stored in a cool dry place.

Maisha Rafuni:
Miaka 2 kutoka tarehe ya kutengenezwa ikihifadhiwa kwenywe chombo chake hali si kisichofunguliwa mahali pakavu na pasipo na joto jingi.

Manufacturer / Mtengenezaji:
Bayer AG, Kaiser-Wilhelm-Allee 1, 51373 Leverkusen, Germany

Distributed by / Husambazwa na:
BAYER EAST AFRICA LTD., P.O. Box 30321, 00100 GDP NAIROBI, KENYA
Tel: +254 (0) 20 860 0000

In case of poisoning call toll free number (24 hrs) / Wakati wa kusumika piga simu bila malipo namba: 0800720021/0800730030 (masaa 24).

WHO Class II: Moderately Hazardous.

(Acute health hazard)

Toxic to aquatic life (Inadhuru viumbe wa majini)

Bayer
General Information

Sivanto Prime SL 200 an insecticide for the control of thrips in roses, aphids, whiteflies and thrips in tomatoes.

Mode of action:
Flupyradifurone, the active substance of Sivanto, interacts with insect nicotinic acetylcholine receptors, a class of neurotransmitter-gated cation channels which are involved in excitatory neurotransmission. Flupyradifurone cannot be inactivated by acetylcholinesterase resulting in a disorder of the nervous system of the insect and subsequent death of the treated insects.

Mixing:
Add 1/2 of the required amount of water to the mix tank. With the agitator running, add Sivanto prime SL 200 to the tank. Continue agitation while adding the remainder of the water. Begin application of the solution after the product has completely and uniformly dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

Vigorous agitation is necessary for proper dispersal of the product. Maintain maximum agitation throughout the spraying operation. Do not let the spray mixture stand overnight in the spray tank.

Tank mix partners not allowed unless prior tests are carried out. When tank-mixing with other products (any pesticides, adjuvants or fertilizers) refer to the label or contact your local BCS representative for further information.

Do not tank mix withazole fungicides during bloom period.

Crop compatibility:
Sivanto SL200 has generally been found to be safe on most of the target crops, including roses and tomato. However, as different species and varieties of crops may differ in their sensitivity to chemical spray, it is advisable to carry out phytotoxicity tests on a few plants before spraying on a large scale to confirm the crop safety.

Resistance management:
Flupyradifurone is an IRAC MoA Group 4D insecticide. Any insect population may contain individuals naturally resistant to this insecticide and other Group 4D insecticides. If these insecticides are used repeatedly, the resistant individuals may eventually dominate the pest insect population. These resistant insects may not be controlled by this insecticide and other Group 4D insecticides. To delay the development of resistance:

- Avoid exclusive repeated use of insecticides from the same chemical subgroup, (indicated by the IRAC MoA Group number).
- Alternate with products from other IRAC MoA Groups
- Integrate other control methods (chemical, cultural, biological) into insect control programs.

Directions for use:

<table>
<thead>
<tr>
<th>Crop</th>
<th>Pest</th>
<th>Rate</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rose</td>
<td>thrips</td>
<td>1 l/ha on 1000 litres of water.</td>
<td>Apply at the first sign of infestation. The application should be done a maximum of 2 sprays per season at 10 days intervals depending on the re-infestation.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20 ml/20 litres of water.</td>
<td></td>
</tr>
<tr>
<td>Tomatoes</td>
<td>thrips, whiteflies, aphids</td>
<td>0.75 ml/ha in 1000 litres of water.</td>
<td>Apply at first sign of pest. Apply at 7 days interval. A maximum of 2 sprays per season. PHI: 3 days</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15 ml/20 litres of water.</td>
<td></td>
</tr>
</tbody>
</table>

Re-entry period
Do not enter treated area before the spray deposit has dried completely (for at least 24 hours after the application. Protective clothing should be worn).

Hazards, warnings and precautions:
KEEP LOCKED AWAY AND OUT OF REACH OF CHILDREN
WASH AFTER USE

- DO NOT eat, drink or smoke when using this product
- Read label before use
- If medical advice is needed: Have product container or label at hand
- DO NOT re-use this container for any other purpose

Accidental release measures/Decontamination procedures:
Use personal protective equipment when dealing with spills.

Prevent entry into drains, sewers, water courses.

Absorb spilled product with liquid binding material (dry sand, soil, sawdust).

Sweep up this contaminated material and place into a closable container for safe disposal.

Dispose away from water sources or incinerate in accordance to the national regulations on chemical disposal.

To clean the floor and all objects contaminated by this material, use damp cloth. In cases where larger quantities of the product have to be disposed of or if safe disposal is not possible, contact the supplier/manufacturer.

Handling and storage
Store in tightly closed original container in a cool, dry, ventilated place under lock and key so that unauthorized persons do not have access to the product. Store not subject to freezing. Keep out of reach of persons under 16 years of age.

Pesticide Resistance Management Plan dated 27/07/2018

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Plan: 4942E
Date: 27.07.2018

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typographical
Keep out of reach of children.
Keep away from food, drink, animal feeding stuffs.
Keep away from direct sunlight.

**Container Disposal**
Empty container completely. Triple rinse containers and add the rinsings to the spray mixture in the tank. Dispose the empty containers away from water sources in accordance to the national regulations on chemical disposal. Not completely emptied packagings should be disposed of as hazardous waste. Do not reuse this container for any purpose.

**ENVIRONMENTAL HAZARDS**
Toxic to aquatic life with long-lasting effects. Avoid contamination of aquatic systems during applications. Do not contaminate these systems through direct application, disposal of waste, or cleaning equipment.

**FIRST AID MEASURES:**

**General advice**
Move out of dangerous area. Place and transport victim in stable position (lying sideways). Remove contaminated clothing immediately and dispose of safely.

**Inhalation**
Move to fresh air. Keep patient warm and at rest. Call a physician or poison control center immediately.

**Skin contact**
Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.

**Eye contact**
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention if irritation develops and persists.

**Ingestion**
Rinse mouth. Do NOT induce vomiting. TAKE THE VICTIM TO A DOCTOR.

**TOXICOLOGICAL INFORMATION:**

**Symptoms of poisoning**
No symptoms known or expected.

**Note to the physician:**
Treat symptomatically. In case of ingestion gastric lavage should be considered in cases of significant ingestions only within the first 2 hours. However, the application of activated charcoal and sodium sulphate is always advisable.

**Antidote:** There is no specific antidote.

**In case of poisoning call Toll Free No. 0800720021 or 0800730030 (24 hrs)**

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**Bayer**

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**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**
Seller's guarantee is limited to the terms set out on the label and subject thereto; the buyer assumes the risk to person or property arising from the use or handling of this product and accepts the product on that condition.

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**REF:** All use for corrections
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### Maelezo kwa jumla:
Siwanto Prime SL 200 ni kuia dudu kinachodihibiti 'thrips' kwa waridi, 'thrips', 'aphids' na washudu weupe kwa nyanya.

### Jinsi inavyofanya kazi:
Flupyradifluro onekwa kwenz African kwa 'chloronicotinoids' ama 'chloronicotinyls'. Hufanya kazi kwa 'nicotinic acetylcholine receptors' ya mdudu.

### Kuchanganyana:

### Jinsi ya kutumia:

<table>
<thead>
<tr>
<th>Zao</th>
<th>Wadudu</th>
<th>Kipimo</th>
<th>Maelezo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waridi</td>
<td>'Thrips'</td>
<td>Lita 1/heksa kwa maji 1000</td>
<td>Nyunyiza mara tu wadudu wanaponekana. Nyunyiza mara 2 kwa misingi baada ya kilo siku 10 kama inavyohtikaji.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mililita 20/lita 20 za maji</td>
<td></td>
</tr>
<tr>
<td>Nyanya</td>
<td>'aphids', wadudu wewepe, 'aphids'</td>
<td>Lita 0.75/heksa kwa lita 1000 za maji.</td>
<td>Nyunyiza mara tu wadudu waonekana, kilo baada ya siku 7. Usinyuzi zaiki ya mara 2 kwa misingi.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mililita 15 kwa lita 20 za maji</td>
<td>Muda salama wa kuvuna: Siku 3</td>
</tr>
</tbody>
</table>

### Ustahimiliwva wa mimea:
Siwanto Prime SL200 inawamuliza vya na waridi na nyanya kama itatumia iliyopendekeza. Hata hiyo ni vizuri kufanya majaribio kwa mimea michache kabla ya kunyuyizina dawa kwa sehemu kubwa.

### Kupunguzza ukinzani:
Flupyradifluro onekwa kuwa milolo la IRAC MoA 4D. Inapendekezwa kutumia Siwanto Prime LS200 na madawa mengine ambayo yanafanya kazi kwa njia toufauti, kwani Kuna washudu ambaa hawawezi dhibiliwa na Siwanto Prime SL 200 na madawa mengine ambayo yanafanya kazi kwa njia moja ipakua ya tatumia mara kwa mara. Hiyo inahimiza ili kuhirisha ukinzani ili vema:

- Usitumie dawa moja mara mara ama dawa ambazo ziko kwa kundi moja la IRAC.
- Usitumie dawa ambazo zinafanya kazi kwa namna moja mara mara ama.
- Tumia njia mbadala za kudhibiti wadudu bila kutumia dawa pekee.

### Muda salama wa kuwinga shambani:
Inahimiza kulinga kwa shamba baada ya chembe chembe za dawa kukuaka, na ni mjuhimu pia kuwa mavingi ya kulinga, hili ni baada ya masesa 24.

### Tafadhali:

### Dawa imwagikapo:
Vaila mavingi ya kulinga unaposhugulika dawa iliyomwagika. Usimwage dawa kwa mitingo au kwa maji. Tumia 'umbi ya mbaa ama 'universal binder' kuordoa dawa iliyomwagika kisha uweke kwa chombo kilicho na kifuniko kwa utapaji salama. Safisha saka fuata vya chombo chomwagikwa na dawa. Ipato na kuwago kiwango kikubwa kinywagikwa yafuata kuwasiliana na watengenezaji ama Bayer East Africa Ltd.  

### Ufadhili:
Ufadhili dawa katika chombo chake asili, kilichofungwa vizuri na uweke pahali perye joto pakavu, havu nyongi na ufungie na kufili pahali hatapatwa na watu wasio na maagizo. Fungia dawa mbali na watoto. Weka mbali na vyakula, vinavyo na vyakula vya mituugo.

### Dawa imwagikapo/utapaji:

Maji yaliyotumia kulinga ila kutumia mahitaji za chombo na zitokao maji (visimo, mito). Kama kiasi kikubwa cha chombo cha chumiddha cha kupunguza kulinga kutupwa ama hatuma pahali salama pakatwa. Mazingira ya kutumia kulinga.
Utupaji wa vyombo vitupu:
Vyombo vitupu lazima vitolewe dawa kabila kabla ya kutupwa Vitupe mbali na vyanzo vyavyo maji kulingana na sheria za utupaji wa kemikali. Usitumie vyombo vilivyopu kwa kazi nyongehe yoyote.

Madhara kwa mazingira:
Ni sumu kwa vyumbe wa majini. Usichatue maji au mitaro kwa dawa au vyombo vitupu vya dawa.

Hatua za huduma ya kwanza:
Muundo mdhuriwa kutokana kwa eneo la hatari. Vua mavazi yaliyoshika au kulowa dawa kwa haraka.

Ikipumuliza: Mtoe mwenye kupumua kutokana pahali penye dawa.

Mtafitie huduma za matibabu mara moja.

Ikipusaha ngozi: Osha ngozi kwa haraka ukitumia maji mengi na sabuni.

Ikiingia kwa macho: Suuza masoko vijili ukitumia maji mengi.

Madhara kutokana na dawa ikizidi mtafitie mjeruhi huduma za matibabu.

Ikimezwa: Usimtapishe Mjeruhi.

MEPLEKE MJERUHI KWA DAKTARI

Maelezo kuhusu sumu ya dawa
Dalili za kusumika:
Dalili za madhara kutokana na sumu ya dawa hii hazijulikani.

Ilani kwa daktari:
Tiba: Hakuna tiba ilijikosa ya kutegeka

Wakati wa kusumika pigi simu bila malipo kwa nambari:
0800720021au 0800730030 (masa 24)

ILANI KWA MTUMIAJI
Dawa hii ni sharti itumike kulingana na maagizo yaliyo kwerye kibandiko. Ni hatia chini ya sheria za madawa ya kudhibiti wadudu waharibifu kutumia au kuhaidhi dawa hii katika hali iliyo salama.

DHIBITISHO
Dhamana ya muuzaji ni maelezo yaliyo kwerye kibandiko ambayo ni lazima yafuatwe kikamilifu. Mnunuzi la lazima akubali hatari zozote zinazoweza kutokana na matumizi ya dawa hii kwa binadamu au mali na lazima akubali dawa hii katika hali hiyo.
Sivanto Prime
SL 200

Guaranteed/Examina: Flupyradifurone g/L
An insecticide for the control of Thrips on roses, aphids, whiteflies and thrips in tomatoes.
Kuadudu kushobodi/Thrips kwa waridi, ‘aphidi’, wadudu weupe na ‘thirip’ kwa nyanya.

GROUP 4D INSECTICIDE

Registration No./Nambary ya usaaji: PCPB (CR) 1592

Shelf Life:
2 years from the date of manufacture in an unopened original container when stored in a cool dry place.

Maisha Rafunzi:
Mlaka 2 kutoka tarehe ya kutengenezwa ikhifadihwa kwenye chombo chake halisi kisichofungiwa mahali pakavu na pasipo na joto jini.

Manufacturer / Mtwengenezaji:
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Kaiser-Wilhelm-Allee 1,
51373 Leverkusen,
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(Acute health hazard)

Toxic to aquatic life (Handhu viumbe wa majini)

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