**DESCRIPTION:**

**CALRATE 5 EC™** is broad spectrum synthetic pyrethroid insecticide for use on Tomatoes, French Beans and Snow Peas. **CALRATE 5 EC™** is a contact and stomach poison.

**DIRECTIONS FOR USE**

| Crop | Pest | Aplication | |
|---|---|---|---|
| Tomatoes | Aphids, Caterpillars, Thrips and Whiteflies | 300-500ml / Ha (8-20ml/20lt water) | R.E.I - 6 hours<br>P.H.I. - 3days |
| French Beans and Snow Peas | Aphids, Caterpillars, | 300-500ml / Ha (8-20ml/20lt water) | |
| | Thrips and Whiteflies | 300-500ml / Ha (8-20ml/20lt water) | |

**PREPARATION OF SPRAY MIXTURE:**

Half fill the spray tank (knapsack) with water. Add the required amount of **CALRATE 5 EC™** and adjuvants maybe required and mix while stirring or agitating, then fill the water to the required level and continue with stirring or agitation until the mixture is thoroughly uniform.

**APPLICATION AND TIMING TECHNIQUE:**

**Foliar Pests:** Start spraying **CALRATE 5 EC™** when the first signs of insect pests are noticed on the crop and where necessary, repeat application after7-10days.

**HAZARDS/PRECAUTIONS:**

**HANDLING:** Wear suitable protective clothing, gloves, face shield/safety goggles and respirator when preparing the spray mixture and in addition impermeable boots when spraying. Avoid breathing the spaymist, contact with skin, eye sand clothing. Do not apply up wind and stay out of the spraymist. Do not smoke, drink or eat while handling the product.

**After work:** Remove protective clothing and wash hands thoroughly with soap and plenty of water. Wash the spraying equipment and the contaminated clothing carefully.

**STORAGE:** Store in tightly closed original container,in a cool dry place out of reach of children and unauthorized persons, away from food, drinks and animal feed.

**DISPOSAL:** Triple rinse, puncture or crush empty containers before disposal in a safe and authorized place in accordance with National legislation and regulations on chemical disposal. Do not re-use empty containers for any other purpose. Pesticide spray mixture or reinstate that cannot be used must be disposed where it cannot contaminate surface water and ditches.

**PESTICIDE LEAKAGE AND SPILLAGE:** In the event of heavy spillage, collect the contaminated soil layer and dispose off in an authorized place away from water supplies. Soaking in sand, soil or sawdust may collect small spillage. Contaminated absorbent material must be stored in marked waste bins prior to disposal in authorized land fill site in accordance with national legislation and regulations. The pesticide store must be decontaminated by washing with a lot of water.

**WILDLIFE AND ENVIRONMENTAL PROTECTION: CALRATE 5 EC™** is toxic to fish, other aquatic organisms and bees. It is moderately harmful to birds and animals. Do not contaminate ponds and water ways by direct application, cleaning if equipment, disposal of wastes and empty container. Do not spray when bees are foraging. Keep live stock and wildlife out of treated areas.

**FIRST AID INSTRUCTIONS:**

**If Inhaled:** Remove the patient to fresh air. Keep the patient warm and at rest. If the patient is not breathing, apply artificial respiration and seek medical attention.

**If on skin:** Remove contaminated clothing and wash off with plenty of water and soap. Consult the doctor in case the complain persists.

**If in the eyes:** Rinse thoroughly with running water for at least 15 minutes. If pain persists, consult an eye specialist.

**If swallowed:** Do not induce vomiting. Wash out mouth with water. Consult a doctor.

**TOXICOLOGICAL INFORMATION: CALRATE 5 EC™** maybe fatal if swallowed and causes substantial but temporary eye injury. It is harmful if absorbed through the skin.

**Symptoms of Poisoning:** Irritation to mucous membranes and skin, high dose may result in irritation of central nervous system.

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

**Note to physician:** Keep the victim warm and at rest. Treat symptomatically.

**In case of poisoning, call the 24 hour Toll Free Number; 0800720021/ 0800730030 for professional advice.**

**NOTICE TO USERS:** 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 there to, the buyer assumes the risks to persons or property arising from the use or handling of these product and accepts the product in that condition.

**MAELEZO:**

**CALRATE 5EC™** ni kiuadudu cha kudhibiti 'aphids', 'whiteflies', 'Thrips' na 'Viwavi' katika 'Nyanya', 'Mishiri' na 'Snow Peas'. Dawa hii hufanya kazi kwa mguso na sumu ya tumbo ikimezwa

**MAELEKEZO YA MATUMIZI**

| Mmea | Wadudu | Mimea | |
|---|---|---|---|
| Mmea | Aphids',Viwavi, 'Thrips'na 'Whiteflies' | Mililita 300-500 kwa kila hekta (mililita 8-20 kwalita 20 zamaji) | Muda salama wa kuingia mahali CALRATE 5 EC™ imepigwa: Masaa 6<br>Muda wa kusubiri kabla ya kuvuna–Siku 3 |
| Mishiri na 'SnowPeas' | 'Aphids',Viwavi, 'Thrips'na 'Whiteflies' | Mililita 300-500 kwa kila hekta (mililita 8-20 kwalita 20 zamaji) | |

**KUTAYARISHA MCHANGANYIKO WA DAWA:**

Tia maji kwenye tenki hadi katikati kisha uongezee kiasi cha **CALRATE 5 EC™** kinachohitajika. Ongeza dawa ya adjuvant kama inahitajika kisha uongezee kiasi cha maji kilichosalia na uchanganye kwa kutikisa.

**WAKATI NA JINSI YA KUTUMIA:**

Nyunyizia **CALRATE 5 EC™** kwenye mimea wakati dalili za kushambuliwa na wadudu zinapoonekana. Ikihitajika, nyunyizia dawa tena baada ya siku 7-10.

**HATARI/TAHADHARI:**

**MATUMIZI:** Valia sare yenye mikono mirefu na buti.Valia glovu na kinga ya uso. Kukiwa na upepo, usipige dawa kwa mazao ya chakula yasiyopendekezwa. Epukana na kuelea kwa mazao lishe jirani. Epukana na kukaa kwenye wingu la dawa. Usile, usinywe wala kuvuta sigara unapotumia dawa hii. Epukana na mguso wa bidhaa hii kwenye ngozi, macho na nguo.

**Baada ya kazi:** Vua nguo na unawe mikono kwa maji mengi na sabuni. Osha vifaa vya kunyunyizia dawa na nguo zilizochafuliwa na dawa kwa makini.

**HIFADHI:** Hifadhi katika chombo chake halisi kisichofunguliwa ikihifadhiwa katika sehemu baridi na kavu. Weka mbali na watoto, watu wasioidhinishwa, vyakula, vinywaji na vyakula vya wanyama.

**KUTUPA:** Safisha mkoba wa dawa ilioisha kwa kusunza mara tatu, kisha kutoboa au kuharibu chombo tupu. Tupa pahali salama palipoidhinishwa kwa mujibu wa kanuni za kitaifa, juu ya utupaji wa kemikali. Usitumie tena chombo tupu kwa madhumuni mengineyo.

**KUVUJA NA KUMWAGIKA KWA DAWA:** Iwapo dawa itamwagika kwa wingi, kusanya safu ya udongo iliyofikiwa na dawa na uitupe katika sehemu iliyoidhinishwa mbali na sehemu za usambazaji maji kulingana na sheria na kanuni za nchi, ukifukia kwenye mchanga au udongo. Vifaa vilivyo na dawa vinavyoweza kufyonza maji lazima vihifadhiwe katika mapipa ya taka yaliyotiwa alama kabla ya kutupwa katika sehemu za taka zilizotengwa. Hifadhi za dawa za wadudu lazima zisafishwe kwa maji mengi.

**ULINZI WA WANYAMA PORI NA MAZINGIRA: CALRAT E 5EC™** ni sumu hatari kwa samaki,wanyama waishio majini na nyuki. Usichafue vidimbwi na mikondo ya maji kwa kunyunyizia moja kwa moja, kusafisha vifaa, utupaji taka na chombo tupu. Usinyunyizie dawa hii wakati nyuki zinatafuta chakula. Weka mifugo na wanyama mbali na sehemu zilizonyunyiziwa dawa.

**HUDUMA YA KWANZA:**

**Ikipumuliwa:** Mpeleke mwathiriwa mahali atakapopata hewa safi. Msaidie mwathiriwa kupumua ikiwa ana tatizo la kupumua. Tafuta ushauri wa daktari.

**Ikigusa ngozi:** Vua nguo zilizochafuliwa kwa dawa hii na uoshe kwa maji mengi nasabuni sehemu iliyoathiriwa. Tafuta ushauri wa daktari.

**Ikiingia machoni:** Tiririsha kwa maji mengi, macho ikiwa wazi, angalau kwa dakika 15. Maumivu yakizidi tafuta ushauri wa daktari wa macho.

**Ikimezwa:** Usimlazimishe mwathiriwa kutapika. Osha kinywa kwa maji mengi. Usimpe chochote mtu aliyepoteza fahamu.

**MPELEKE MJERUHI KWA DAKTARI**

**MAELEZO KUHUSU SUMU:**

**CALRATE 5 EC™** inaweza ikaleta madhara mabaya ya kifo ikimezwa na kusababisha maumivu mabaya kwa macho ikiingia machoni ingawa si ya kudumu. Inaweza kusababisha maumivu ikifyonzwa kupitia ngozi.

**Dalili za kusumika:** Inaweza kusababisha muwasho kwenye membrane ya mucous na ngozi, ikimezwa kwa kiwango cha juu inaweza kusababisha muwasho kwenye mfumo mkuu wa neva.

**Tiba:** Haina tiba maalum.

**Kidokezo kwa daktari/Matibabu:** Hakikisha mwathiriwa anapata joto na anapumzika. Tibu kulingana na dalili.

**Wakati wa dharura piga simu bila malipo kwa nambari 0800720021 / 0800730030 (Masaa 24)**

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

**THIBITISHO:** 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.

# CALRATE 5 EC™

**EMULSIFIABLE CONCENTRATE**

**An insecticide for control of Aphids, Whiteflies, Thrips and Caterpillars on Tomatoes, French Beans and Snow Peas.**
**(Kiua dudu kinachodhibiti 'Aphids', 'Whiteflies', 'Thrips' na Viwavi katika Nyanya, Mishiri na 'Snow Peas'.)**

**READ THE LABEL BEFORE USING (SOMA KIBANDIKO KABLA YA KUTUMIA)**
**KEEP OUT OF REACH OF CHILDREN (WEKA MBALI NA WATOTO)**

**COMMERCIAL AND AGRICULTURAL CLASS (KUNDI LA KILIMO NA BIASHARA)**
**GUARANTEE (DHAMANA):**
LAMBDA CYHALOTHRIN............50g/L
**REGISTRATION NO: (NAMBARI YA USAJILI):** PCPB (CR) 0506 p(IV)

DRAFT LABEL APPROVED SUBJECT TO SUBMISSION OF FINAL LABEL AND PACKAGE FOR 3 MONTHS ONLY
23 APR 2018
PEST CONTROL PRODUCTS BOARD

| **Expiry Date:** **(Tumia kabla ya)** | **Batch no:** **(Nambari ya Kifurushi)** | **Date of manufacture:** **(Tarehe ya kutengenezwa)** |
|---|---|---|

**SHELF LIFE**: 2 years from the date of manufacture if stored in its unopened original container in a cool dry place.
(**MAISHA RAFUNI :** Miaka miwili kutoka tarehe ya kutengenezwa ikihifadhiwa katika chombo chake halisi kisichofunguliwa, ikihifadhiwa sehemu baridi na kavu.)

**Net Content (Ujazo)**

**5L**


Distributor (Wasambazaji)/Agent (Ajenti):

**Agro-Farmers (Kenya) Limited**
P.O. Box 32747-0060
Ruiru-Kiambu Road
Nairobi, Kenya

Manufacturer (Watengenezaji):
**Sharda International**
Mumbai - 400050, India
Tel: +91 982 065 9755


**IN CASE OF POISONING CALL TOLL FREE NUMBER (WAKATI WA DHARURA PIGA SIMU BILLA MALIPO KWA NAMBARI): 0800720021/0800730030 - 24Hrs (Masaa 24)**