



**A broad spectrum contact, residual and stomach acting insecticide for the control of various insect pests in peas, French beans and tomatoes**

**REGISTRATION NO.:** PCPB (R) 0296  
**Aqueous suspension of microcapsules**  
**GUARANTEE;** Lambda-cyhalothrin 50 g/lit.

**KEEP LOCKED AWAY FROM CHILDREN, FOOD, DRINKS AND LIVESTOCK FEEDSTUFFS.**

**COMMERCIAL & AGRICULTURAL CLASS**  
**READ THE LABEL AND THE ATTACHED LEAFLET BEFORE USING.**

**SHELF LIFE:** At least 2 years, from date of manufacture, in original unopened containers, stored in a cool, dry and well ventilated area.

**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.  
 ® = registered trademark of a Syngenta Group Company  
**Manufacturer:** Syngenta Crop Protection AG, Basle, Switzerland  
**Distributor:**  
 Syngenta East Africa Ltd.,  
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 00100 Nairobi, Kenya  
 Tel: 254-020-532750/532983  
 Fax: 254-020-532753/532753

  
**Colour band: YELLOW**



#### Mode of Action

It has a quick knock-down and repellancy effect through contact, residual and stomach activity and therefore stopping pest damage to crops immediately. KARATE® has also some effect on mites and therefore in a regular spray programme it can be used to eliminate or reduce the number of specific acaricide sprays required during a season.

Pests controlled by Karate®:

#### French Beans, peas, flowers/ornamentals

Leaf feeding caterpillars - Mamestra, Plutella, Heliiothis, Keiferia, Spodoptera, etc.

Sucking insects (aphids, bugs, jassids, thrips, white flies)

Good suppression of mites

#### **DIRECTIONS FOR USE**

**To avoid risks to man and the environment, comply with the instructions for use.**

#### Rates of Application

<u>CROP</u>	<u>PEST</u>	<u>RATE</u> ml/ha	<u>TIMING</u>
French beans, peas,	Thrips, Bollworms Aphids, Beetles,	300	Spray when insects appear. Repeat as
Flowers, ornamentals	Leafworms, Spodoptera, Whiteflies		necessary.

For a 20 litre knapsack use 12 ml product

#### **Method of Application**

KARATE® can be applied as a foliar spray using most types of spraying equipment. Application should be made when pests first appear and continue every 7 days depending on rains/irrigation and infestation.

#### **Preparation of the Spray**

Add the recommended quantity of KARATE® into the required amount of water in a tank and stir well. Use the spray on the same day of its preparation.

#### **COMPATIBILITY**

KARATE® is compatible with most commonly used pesticides and liquid fertilizers. However, DO NOT tank mix with any product unless your own prior testing has shown that the combination is physically compatible, effective and non-injurious under your condition.

#### **Water Volume**

It is recommended to use a maximum of 500 litres of water per hectare

#### **Pre-harvest information.**

Do not harvest from treated crop, after the last KARATE® spray, until the days indicated have passed.

Beans, Peas, tomatoes 3 days

#### **Re-entry period**

Do not enter treated crop areas before the spray deposit has dried or unless protective clothing is worn.

#### **HANDLING PRECAUTIONS**

Can be irritating to skin and eyes. Wear rubber gloves and, mask covering nose and mouth. Wear protective clothing such as long sleeved shirts, long pants and rubber boots when handling the product. Wear safety goggles when handling the product. Do not smoke drink or eat while using this product. Avoid eye contact. Avoid spray mist and exposure to the product. After application wash yourself and your work clothes.

#### **DISPOSAL**

Surplus product, if unused should be disposed off on a landfill site approved for pesticides or bury in a safe place away from water sources. Do not use empty containers for any other purpose. Empty containers should be perforated before disposal either by burying away from water sources or by burning away from habitable areas.

#### **SPILLAGE AND LEAKAGE**

Remove the contaminated soil layer and bury in a safe place away from water source. Spillage: Soak up with sand, sawdust, soil or binding agent. Collect the contaminated material thoroughly and bury in a safe place or put it in a waste bin or a plastic bag, mark it and dispose off on a landfill site approved for pesticide. Clean spilled area with plenty of water. Spilt product must not be re-used.

#### **Hazards and Precautions**

Precautionary measures

**KEEP LOCKED UP OUT OF REACH OF CHILDREN** and other unauthorised persons and animals.

#### **Operator safety**

**EYE AND SKIN IRRITANT.** AVOID getting product or spray mixture in contact with eyes, skin, or clothes. DO NOT breathe vapour or spray mist. DO NOT eat, drink or smoke while handling the product and wash hands and face thoroughly before doing so. If poisoning is suspected, consult a physician immediately. WEAR overalls, hat or cap, face shield, gumboots, and gloves, when handling the product. Wash off accidental splashes of concentrate and spray mixture from skin and working clothes immediately. After work, change clothes and thoroughly wash entire body, including hair. Wash contaminated working clothes before re-use

#### **ENVIRONMENT AND WILDLIFE**

Toxic to bees, fish and aquatic invertebrates. Do not spray when bees are actively foraging in the area. Do not contaminate water supplies by disposal of product waste. Keep livestock out of treated areas.

#### **FIRST AID INSTRUCTIONS**

If poisoning is suspected, call a physician immediately.  
In case of eye contact: Flush the eyes with plenty of water while the eyelids are open for at least 15 minutes. Contact a physician immediately.  
In case of skin contact: Wash contaminated skin immediately with plenty of cold water followed by soap and water. Remove contaminated clothing. If skin irritation develops, contact a physician immediately.  
In case of inhalation: Remove the patient away from contaminated area and place the patient in a well-ventilated area. Keep warm and at rest. Consult a doctor.  
In case of ingestion: Immediately dilute the swallowed product by giving large quantities of water, but DO NOT INDUCE VOMITING. Perform gastric lavage, taking care to prevent aspiration of gastric contents. Never give anything by mouth to an unconscious person. Contact a physician immediately.

#### **TOXICOLOGICAL INFORMATION**

Symptoms of poisoning: No poisoning symptoms on record.

**Note to the doctor:** Apply symptomatic treatment.

**Antidote:** No specific anti-dote known.

#### **STORAGE**

Store in original, tightly closed container away from children, food, drinks and livestock feedstuffs. Store in a cool, dry and well ventilated area under lock and key. Avoid exposure to direct sunlight, heat and naked flames.

#### **Notice to User**

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.

#### **User's Risk**

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.

**Before applying the product read the attached product label and accompanying packaging leaflet.**

**Use pesticides safely.**

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**Manufactured by:** Syngenta Crop Protection AG, Basle, Switzerland