



**DESCRIPTION**

KARATE 5 EC is a wide spectrum insecticide containing lambda-cyhalothrin for control of insect pests of cotton and other crops including grasshoppers, locusts and army worm.

**HOW TO USE KARATE® 5 EC**

KARATE® 5 EC is highly active (by contact and ingestion) against a wide range of insect pests - see table. KARATE® 5 EC can eliminate or reduce the acaricidal sprays needed in season if applied regularly, especially using high volume ground sprays. Dilute the amount indicated in the table below with clean water as shown, spray using any conventional equipment in good condition to give a medium quality spray.

**Spray Volume**

Crop	Water/ha	Aerial application
Cotton*	120 lt.	Apply in
Beans	200 lt.	20-50 litres
Vegetables	150 lt.	of water
Fruit trees	400 lt.	
Army worm	600 lt.	

\* Start spraying cotton 10 weeks after planting or at first flowering and repeat every 10 days. For other crops, repeat spraying depending on insect pressure.

**SAFETY PRECAUTIONS**

• Do not smoke, drink or eat while using this product.

**FOR SAFETY WHEN MIXING**

• Wear eye protection (at least glasses). Undiluted KARATE® 5 EC can damage your eyes.

CROP	INSECT PESTS	KARATE mls/ha	HARVEST INTERVAL (DAYS)
Cotton	Bollworms, aphids, jassids, stainers, plant bugs	400	14
Beans	Aphids, podborers, podbugs, leafworms, bollworms, thrips, beetles	400	3
Fruit	Fruitboring caterpillars, leafminers, sucking pests, flies	400	7
Maize/ Sorghum	Stalk borer (start spraying when 5% egg lay or 10% plant damage) BEFORE LARVAE ENTER STALK	300	1
Soyabeans	Semi loopers, loopers, bollworms	400	3
Other vegetables	Bollworms, aphids, plant bugs, thrips, beetles Spodoptera spp (For vegetables with waxy leaves, add 'Agral' 90 (30 ml/100 litres of spray)	150-250 250-400	3
Wheat/barley	Aphids	200 ml	30

If you get it in your eyes, wash it out at once. See First Aid.

• Wear synthetic rubber gloves. Undiluted KARATE 5 EC can irritate your skin.

If you get it on your skin, wash it off at once. If you spill it on your clothes, change and wash them immediately.

• After emptying container rinse three times manually adding rinsate to spray tank.

**FOR SAFETY WHEN SPRAYING**

• As with all chemicals, avoid contact with the spray as much as you can.

• When using mistblower, wear a mask covering nose and mouth.

• To avoid harming fish, do not spray over water.

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• Dispose of unwanted spray solution by spraying off on waste ground.

**FOR SAFETY AFTER SPRAYING**

• Dispose of empty rinsed container by crushing, cutting, then burning or burying. Do not use it again.

• Do not dump unwanted KARATE 5 EC in water.

• Keep unused KARATE 5 EC in this container, tightly closed, locked up out of reach of children and away from food.

• Wash yourself. Change and wash your work clothes.

**FIRST AID**

Eye splashes: Hold eyelids apart and pour in a gentle stream of water for 10-15 minutes. Go to a doctor. IF KARATE 5 EC IS SWALLOWED do not make the person vomit.

Take person, and this container, to a doctor at once for medical treatment.

MEDICAL TREATMENT: If gastric lavage is performed, take care to prevent aspiration of gastric contents. Consider administration of activated charcoal and a laxative. Treat symptomatically.

**Shelf life**

At least 2 years from date of manufacture in original sealed containers stored in a cool dry place.

**USER'S RISK**

The user bears the risk for damage resulting from factors beyond the manufacturer's control. All recommendations for use of the product are based on the current state of the manufacturer's knowledge. Since the manufacturer cannot control the application, use, storage or processing of the product, the manufacturer cannot accept responsibility therefore.

**Before using the product, please read the attached product label**

**Use pesticides safely**

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Manufactured by Syngenta Crop Protection AG

Approved by TPRI, Arusha

**Emergency Call:**

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