



MATCH[®]
050 EC

Insect growth regulator for the control of leaf feeding lepidopterous and coleopterous larvae on brassica crops and spodoptera spp and western flower thrips in flowers/ornamentals.

REGISTRATION NO PCPB(R) 0269
Emulsifiable concentrate
GUARANTEE: Lufenuron 50 g/lit.

COMMERCIAL AND AGRICULTURAL CLASS

KEEP LOCKED OUT OF REACH OF CHILDREN
READ LABEL AND LEAFLET BEFORE USING

Flammable 

Shelf Life: At least 2 years from date of manufacture in original unopened containers.
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

Manufactured by: Syngenta Crop Protection AG, Basle, Switzerland
Distributor:
Syngenta East Africa Ltd
P. O. Box 30393
00100 - NAIROBI
Tel: 254-020-532750/532983
Fax: 254-020-532753/535456

MEMBER OF
AGROCHEMICALS 
ASSOCIATION OF KENYA
MEMBERSHIP NO. 226

syngenta
Colour band: GREEN



Mode of Action

MATCH[®] is a larvicide acting by inhibition of chitin biosynthesis, thus interfering with the formation of the cuticle. It is non-systemic but displays strong stomach and moderate contact activity. MATCH[®] is effective on pests resistant to organophosphates and pyrethroids.

Spectrum of Activity

MATCH[®] is highly effective against leaf feeding lepidopterous and coleopterous larvae. It also exhibits ovidical activity. It is active on larval stages of Western flower thrips (*Frankliniella occidentalis*).

Mixing

Add the measured quantity of concentrate to clean water in the half-filled spray tank. Maintain agitation while topping up. Always stir the spray mixture well and apply within a few hours. Prepare no more spray mixture than is needed for the immediate operation.

Direction of use

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

Crop	Pest	ml/100 lt. water	PHI (days)
Brassicas	Caterpillars,	60-80	14

e.g. Diamond backmoth

Flowers/ Western Flower thrips 200

Ornamentals

In a 20 litre knapsack sprayer use 25 ml (using 500 litres/ha water volume) and 40 ml using 300 lt./ha water volume.

Application timing

Start treatment when the economic threshold is reached and repeat as necessary.

NOTE: DO NOT overdose by overlapping applications or by exceeding the recommended rate.

Spray interval: Observe a spray interval of 7-10 days. Use the shorter spray interval in cases of heavy pest infestation. Apply a maximum of 6 sprays per season, then rotate with products with a different mode of action, e.g., PEGASUS[®] for diamond backmoth control.

Crop Tolerance: When used as recommended MATCH[®] is well tolerated by all crops it is recommended to be used on. In case of sensitive or new varieties, check crop tolerance first.

IPM-Fitness

Monitor beneficials and pests and use local thresholds. If several treatments are required against the same pest, use alternate products with different modes of action. MATCH is safe to adult stages of predators. It is safe to predatory mites.

Application Information

All equipment has to be properly calibrated before use with regard to forward speed, flow rate, to ensure thorough and even coverage of the whole plant, in particular also of the lower plant parts. Avoid spray drifts to non-target sites. DO NOT spray when wind speed is higher than 5 m/s. DO NOT spray during the hot hours of the day, or if foliage is wet or rain is imminent within 2 hours. A re-entry period in the sprayed areas

of 12 hours should be observed.

Ground application

MATCH can be applied with tractor boom sprayers, knapsack sprayers or portable mistblowers. For vegetables planted in individual rows spray over the top to minimise soil contamination. Adjust the spray volume to the size the and volume of the crop, and do not spray over the run-off point. Keep your walking speed steady when using portable equipment. With portable mistblowers run the engine always at full speed for best droplet formation.

With tractorised mistblowers use hollow cone or flat fan nozzles equipped with respective filters at a pressure of 5-10 bars.

With knapsack sprayers use hollow cone nozzles at a pressure of 2-5 bars.

Spray volumes

Tractorised mistblowers:	150-500 lt./ha
Knapsack sprayers:	300-500 lt./ha

Protected crops in glasshouses and under plastic

MATCH[®] can be applied with spray guns, horizontal and vertical boom sprayers or knapsack sprayer. In view of the dense crops, care should be taken to achieve thorough coverage of all foliage especially the lower plant parts. Spray volumes between 500 – 1500 lt./ha are recommended.

Compatibility: MATCH[®] is compatible in tank mix with most standard insecticides and fungicides. In case of doubt a physical compatibility test should be carried out.

Hazards and Precautions

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

Operator Safety

AVOID contact with concentrate or spray mixture on skin, eyes or clothing. **DO NOT** breathe spray mist. **DO NOT** eat, drink or smoke while handling the product, wash hands and face before doing so. If any disposition occurs, stop work, follow first aid measures, and call a physician.

WEAR protective clothing, i.e., for mixing/loading: impermeable gloves, face mask; for application wear overalls, hat or cap; facemask, gumboots and impermeable gloves. **IF CONTAMINATION OCCURS** with concentrate or spray mixture, immediately wash skin thoroughly, flush eyes several times with abundant fresh water, and remove contaminated clothing. **AFTER USE**, thoroughly clean protective clothing and wash entire body and change clothing. Wash contaminated clothing before re-use.

First Aid

SKIN CONTACT: Remove contaminated clothing and thoroughly wash the affected parts of the body with soap and water.

EYE CONTACT: Rinse eyes with clean water for several minutes

If poisoning is suspected, stop work immediately and call a physician. Show label to the physician. If inhaled move to clean fresh air. If swallowed, repeatedly administer medicinal charcoal in plenty of water. Seek medical advice immediately if a large volume of concentrate was ingested.

Note: Never give anything orally to an unconscious person and never induce vomiting.

If any indisposition occurs stop work immediately and call a physician.

TOXICOLOGICAL INFORMATION

Poisoning symptoms: No case of human poisoning is on record.

WHO Class: III (unlikely to present acute hazard in normal use)

Antidote: No specific antidote is known; apply symptomatic therapy.

Environment and wildlife

TOXIC TO FISH and other aquatic organisms. **DO NOT** contaminate water used for irrigation or domestic purposes and water sources, such as ponds, ditches, lakes, drainage systems, etc. Slightly toxic to bees. **DO NOT** spray when bees are actively foraging in the area. Newly treated areas must not be grazed and all livestock is to be kept out; no food or feed should be collected from treated areas for a period corresponding to the pre-harvest interval.

Storage: Store away from sun and damp, in a cool dry place. Store in original tightly closed containers in a well-ventilated area. Avoid storage above 35°C or below -10°C. Store under lock and key, away from foodstuffs, drinking water, animal feeds, children, animals and unauthorised persons.

Product and Container Disposal

Dispose of surplus product on a landfill site approved for pesticides, or divide remainder into small quantities and bury in a safe place away from water sources. Dilute small quantities of surplus spray mixture with plenty of water and spray on fallow land. Dispose of containers in a landfill site approved for pesticides, or burn in a safe place. **DO NOT** re-use empty containers for any other purpose, especially for food, feed or storing drinking water.

Leakage and Spillage

Remove heavily contaminated soil and bury in a safe place away from water sources. **Spillage:** soak up with sand, sawdust, soil or an oil-binding agent. Collect all contaminated material and bury in a safe place or put in a waste bin or plastic bag, mark it and dispose of on a landfill site approved for pesticides. Treat spill area with plenty of water.

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.

The user bears risk for damage resulting from factors beyond the manufacturer's control. The manufacturer warrants the quality of the product if acquired by the user in sealed original packages. The manufacturer declines all liability for damage resulting from poor storage or improper use of the

Before using the product, please read the attached product label and accompanying packaging leaflet.

Use pesticides safely.

® = registered trademarks of a Syngenta Group Company