

**GROUP 3 INSECTICIDE**

**EMERGENCY USE LABEL**

**MATADOR<sup>®</sup> 120 EC**  
Emulsifiable Concentrate Insecticide

For sale and use in British Columbia for control of cabbage root maggot on rutabaga from April 28 to September 15, 2009.

AGRICULTURAL

**GUARANTEE:**

Lambda-cyhalothrin..... 120 g/L

**READ THE LABEL AND ATTACHED PAMPHLET BEFORE USING  
KEEP OUT OF REACH OF CHILDREN**

**DANGER**



**POISON**

**DANGER: EYE IRRITANT AND SKIN IRRITANT  
POTENTIAL SKIN SENSITIZER**

REGISTRATION NO: **24984**  
PEST CONTROL PRODUCTS ACT

NET CONTENTS: **1L to 3.78L**

**Syngenta Crop Protection Canada, Inc.**  
140 Research Lane, Research Park  
Guelph, Ontario N1G 4Z3  
Telephone: 1-877-964-3682

**PRODUCT INFORMATION**

MATADOR 120 EC Insecticide is a photostable, synthetic pyrethroid insecticide. It is a fast acting stomach and contact insecticide effective against listed pests. It has no fumigant or systemic activity. Best results will be obtained with MATADOR 120 EC Insecticide when applied against the early development stages of the pest as determined by regular monitoring.

**DIRECTIONS FOR USE**

Product Name / PCP #	MATADOR 120 EC (lambda-cyhalothrin) PCP# 24984
Pest(s)	Cabbage root maggot ( <i>Delia radicum</i> )
Site (Crop)	Rutabagas and turnips
Method of Application	Ground application; drench
Rate of Application and Spray Volume (include adjuvant rate, if being proposed)	83 mL product/ha Spray volume: 1110-1300 L /ha (90-70 cm row spacing)
Number of Applications	3 per season
Interval	7 days
Application Timing (Crop / pest stage)	Timing of applications should be based on the presence of vulnerable pest developmental stages and significant populations as determined by local monitoring.
Pre-Harvest Interval	7 days
OTHER (i.e. regional geographic limitations)	BC Emergency Use registration for period: April 28-September 15 2009

**FIRST AID**

**IF POISONING IS SUSPECTED, IMMEDIATELY** contact a physician or a poison control centre. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**If swallowed**, call a poison control centre or doctor **IMMEDIATELY** for treatment advice. Do not give any liquid to the person. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**If splashed in eyes**, wash for 15 minutes with plenty of clean water and get medical attention **IMMEDIATELY**.

**If on skin**, wash **IMMEDIATELY** with soap and water. If irritation develops, get medical attention, or call Poison Control Centre.

**If inhaled**, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

**TOXICOLOGICAL INFORMATION**

This product contains more than 80 percent petroleum distillate. If swallowed, perform gastric lavage, taking care to prevent aspiration of gastric contents; treat symptomatically. This product has

potential for skin and eye irritation; treat symptomatically. In case of exposure to skin of face or other sensitive areas, some individuals may feel a tingling or numbness. This is a transitory effect and does not cause harm to skin.

## PRECAUTIONS

1. KEEP OUT OF REACH OF CHILDREN AND ANIMALS. Keep unused product in original container tightly closed, locked up and away from food.
2. May be fatal if inhaled. DO NOT breathe sprays or vapours. Fatal/poisonous if swallowed. MATADOR 120 EC Insecticide is corrosive to eyes and skin. Skin sensitizer. Do not get in eyes or on skin. If hands are contaminated, wash with soap and water before touching other areas of skin. When applying this product workers should wear long pants, long-sleeved shirts, and chemical resistant boots. In addition, during mixing, loading, clean-up and repair activities, workers must also wear chemical resistant gloves, safety goggles and a face shield. In addition, during mixing, loading, application, clean-up and repair activities, workers must also wear either a respirator with a NIOSH/MSHA/BHSE approved organic-vapour-removing cartridge with a prefilter approved for pesticides, OR a NIOSH/MSHA/BSHE approved canister approved for pesticides. Avoid touching face with contaminated gloves or clothing. Wash gloves before removal. Wash protective equipment with soap and water after each use.
3. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours. Workers shall be given oral warning of the re-entry interval.
4. MATADOR 120EC Insecticide may be applied aurally only to those crops for which this use is specified on this label.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's website at [www.croplife.ca](http://www.croplife.ca).

## ENVIRONMENTAL HAZARDS

This product contains an active ingredient and aromatic petroleum distillates that are TOXIC to aquatic organisms. Observe buffer zones specified under DIRECTIONS FOR USE.

This product is toxic to bees when exposed to direct treatment, drift, or residues on flowering crops or weeds. DO NOT apply this product to flowering crops or weeds if bees are visiting the treatment area. Minimize spray drift to reduce harmful effects on bees in habitats close to the application site. Spray deposits should be dry before bees commence foraging in treated crop.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

## DIRECTIONS FOR USE

Control of some insect species with pyrethroid insecticides decreases as temperature rises. For best results, apply MATADOR 120 EC Insecticide during the early morning before temperatures rise, and during the evening, past the heat of the day.

As this product is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests.

Optimum application timing for the control of specific pest species is best determined by monitoring pest development and populations. Follow recommendations provided by local pest monitoring services regarding appropriate application timing for your area. Follow provincial spray calendars for optimum timing of programmed spray applications.

## Resistance-Management Recommendations

For resistance management, please note that MATADOR 120 EC Insecticide contains a Group 3 insecticide. Any insect population may contain individuals naturally resistant to MATADOR 120 EC Insecticide and other Group 3 insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

### To delay insecticide resistance:

Where possible, rotate the use of MATADOR 120 EC Insecticide or other Group 3 insecticides with different insecticide groups that control the same pests in a field.

Use tank mixtures with insecticides from a different group when such use is permitted.

Insecticide use should be based on an IPM program that includes scouting, record keeping, and considers cultural, biological and other chemical control practices.

Monitor treated pest populations for resistance development.

Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.

For further information or to report suspected resistance, contact Syngenta Crop Protection Canada, Inc. company representatives at 1-87-SYNGENTA (1-877-964-3682) or at [www.syngenta.ca](http://www.syngenta.ca).

## STORAGE

Store in a cool, well ventilated area away from foodstuffs and out of the reach of children and animals. Store above 0°C. Storage below 0°C will not impair the effectiveness of MATADOR 120 EC Insecticide, however, following such storage, agitate well before use.

## SPILL CLEANUP

Wear appropriate protective equipment (gloves, glasses, apron) when attempting to clean up the spill. If the container is leaking, secure leak and place the container into a drum or heavy gauge plastic bag. Contact Syngenta Crop Protection Canada, Inc. (See EMERGENCY NUMBER) for further information.

For spills and leaks - contain the liquid with dikes of inert material (soil, clay, kitty litter etc.). Absorb the spill onto inert material and shovel into a sealable waste container.

On hard surfaces - sprinkle spill area with detergent and scrub in a small quantity of water with a coarse broom. Let stand 10 minutes then absorb onto an inert material and shovel into the waste container. Dispose of all waste, including broom, in accordance with provincial requirements.

On soil - remove the top 15 cm of soil in the spill area and replace with fresh soil. Dispose of all waste in accordance with provincial requirements. For more information on the disposal of waste and the clean up of spills, contact the provincial regulatory agency and the manufacturer.

## DECONTAMINATION AND DISPOSAL

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean up of spills.

## CONTAINER DISPOSAL:

### Recyclable Container:

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

- (1) Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
- (2) Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of container in accordance with provincial requirements.

***IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING,  
CALL 1-800-327-8633 (FASTMED)***

## 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 this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.