

2017-3131
2018-02-16
(Front panel)

Group **1B** Insecticide

DIAZINON 50 EC

EMULSIFIABLE CONCENTRATE INSECTICIDE

COMMERCIAL

Contains Diazinon

For insect control on certain fruits and vegetables.

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

ACTIVE INGREDIENT: Diazinon....50%

Warning, contains the allergen soy.

REGISTRATION NO. 27538

PEST CONTROL PRODUCTS ACT

NET CONTENTS: **10 L**



DANGER

POISON

Interprovincial Cooperative Limited
P.O. Box 1050, Saskatoon, Saskatchewan S7K 3M9
1-204-233-3461

RC 813-0617

PRECAUTIONS: KEEP OUT OF THE REACH OF CHILDREN. MAY BE FATAL IF SWALLOWED.

Harmful if inhaled or absorbed through the skin. Wear an approved respirator when handling large amounts. Avoid contact with eyes, skin and clothing. Avoid breathing fog, dust, or spray mist. Wash thoroughly after handling and before eating, drinking or smoking. Keep the following personal protective equipment immediately available for use in case of emergency (a broken package, spill, or equipment breakdown): chemical-resistant coveralls, chemical-resistant gloves, chemical-resistant footwear and a NIOSH-approved respirator. Mixers/loaders must use a closed mechanical transfer loading system for liquid products. DO NOT handle more than 28 kg active ingredient per person in a day. Mixers/loaders must wear chemical-resistant coveralls over a long-sleeved shirt and long pants, chemical-resistant gloves and chemical-resistant footwear. Applicators using **groundboom equipment** with a closed cab must wear coveralls over a long-sleeved shirt and long pants, socks and shoes. Wear chemical-resistant gloves when leaving the cab for cleanup and repair. Open mixing/loading of emulsifiable concentrate product is prohibited.

This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste, or cleaning equipment.

DO NOT APPLY BY AIR.

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 web-site at www.croplife.ca.

SYMPTOMS OF POISONING: Headaches, giddiness, blurred vision, nervousness, weakness, nausea, cramps, diarrhea, discomfort in the chest, sweating, miosis, tearing, salivation and other excessive respiratory tract secretion, vomiting, cyanosis, papilledema, uncontrollable muscle twitches, convulsions, coma, loss of reflexes and loss of sphincter control.

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

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

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.

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Diazinon is a cholinesterase inhibitor. Atropine is antidotal. Use 1 to 2 mg every 15 to 30 minutes if necessary. This product contains petroleum distillates. Vomiting may cause aspiration pneumonia. Treat symptomatically.

DISPOSAL: 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 the container in accordance with provincial requirements. 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.

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.

(Detachable booklet)

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ENVIRONMENTAL HAZARDS

This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste, or cleaning equipment.

TOXIC to aquatic organisms, birds, and small wild mammals.

TOXIC to bees 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.

TOXIC to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application site such as hedgerows and woodland.

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.

SYMPTOMS OF POISONING

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DIRECTIONS FOR USE - GENERAL

If not indicated in recommendations below, Diazinon 50EC should be mixed with sufficient water to assure thorough coverage. Best control is obtained when application is made at the first sign of insects.

Diazinon 50 EC is an emulsifiable insecticide which requires minimum agitation during application. Diazinon 50 EC is compatible with most other insecticides or fungicides.

DO NOT APPLY BY AIR.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, please note that Diazinon 50 EC contains a Group 1B insecticide. Any insect population may contain individuals naturally resistant to Diazinon 50 EC and other Group 1B insecticides. The resistant individuals may dominate the insect population if this group of insecticides is 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 Diazinon 50 EC or other Group 1B insecticides with different 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 and to report suspected resistance, contact IPCO at 1-204-233-3461 (collect).

USE RESTRICTIONS

1. Do not spray animals or humans.
2. Do not store near food or feed.
3. Toxic to fish and wildlife. Highly toxic to bees exposed to direct treatment or to residues on crops. Birds feeding in treated areas may be killed.
4. Do not contaminate any body of water.

DO NOT apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) or estuarine/marine habitats.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Field sprayer application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers coarse classification. Boom height must be 60 cm or less above the crop or ground.

DO NOT apply by air.

Apply only when the potential for drift to areas of human habitation or areas of human activity (houses, cottages, schools and recreational areas) is minimal. Take into consideration wind speed, wind direction, temperature, application equipment and sprayer settings.

Restricted entry intervals:

DO NOT enter or allow worker re-entry into treated areas during the restricted entry intervals to conduct activities listed in the following Table.

Crop	Activity	Restricted-entry interval (days)
Onion	All activities	12 hours
Raspberry, blackberry and loganberry	All activities	12 hours
Rutabaga, turnip	Non-foliar contact scouting	12 hours
	Foliar contact scouting	25 days
	Thinning and hand weeding	15 days
	Handset irrigation	45 days
	All other activities	12 hours

DIRECTIONS FOR USE – FRUIT CROPS

BLACKBERRIES, LOGANBERRIES, RASPBERRIES - Uses on blackberry, loganberry and raspberry are limited for control of raspberry crown borer only and application at the time when new canes reach 10 cm height. **Raspberry Crown Borer:** Use 4.5 litres in 4000 litres of water per hectare. Drench crown area using 0.6 litre of mix per plant as new canes reach 10 cm height. **DO NOT** apply more than one application per year. **DO NOT** apply after bloom.

DIRECTIONS FOR USE – VEGETABLE CROPS

ONIONS - Use on onion is limited for control of onion maggot larvae only and application in furrow at the planting or sowing time. **Onion Maggot:** Use 20-37.5 mL per 100 metres of row. Apply to the seed furrow at planting or sowing time. For liquid formulations, use sufficient water to drench the furrow. Use lower rate on poor soils, higher on organic soils. **DO NOT** apply more than one application per year.

RUTABAGA, TURNIPS - Uses on rutabaga and turnip are limited for control of root maggot larvae only and

application at the seedling stage. **Root Maggots: SEEDING TREATMENT:** Use 2.25 litres in 1000 litres of water per hectare. Apply as a drench in a narrow band directly over row when seedlings are up. Make a second application as a drench after thinning. DO NOT apply more than two applications per year. Direct spray to base of plant. Drench thoroughly plant and surrounding soil. Do not apply within 14 days of harvest.

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(Base label)

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