

GROUP	1A	INSECTICIDE/ NEMATICIDE
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VYDATE® L INSECTICIDE/ NEMATICIDE

WATER SOLUBLE LIQUID

RESTRICTED

READ THE LABEL BEFORE USING

GUARANTEE: Oxamyl 240 g/L

REGISTRATION NO. 17995 PEST CONTROL PRODUCTS ACT

DO NOT APPLY BY AIR

KEEP OUT OF REACH OF CHILDREN
PREVENT ACCESS BY UNAUTHORIZED PERSONNEL

HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS
CONTAINS METHANOL
MAY BE FATAL OR CAUSE BLINDNESS IF SWALLOWED.
MAY BE FATAL IF ABSORBED THROUGH SKIN OR INHALED.
DO NOT SUBJECT TO TEMPERATURES BELOW 0 °C.

DANGER (skull and
crossbones
symbol in
octagon) **POISON**

NET CONTENTS: 10 L

E.I. DU PONT CANADA COMPANY
AGRICULTURAL PRODUCTS
P.O. BOX 2300, STREETSVILLE
MISSISSAUGA, ONTARIO
L5M 2J4
1-800-667-3925

IF WARNING SYMPTOMS APPEAR (see WARNING SYMPTOMS on side panel), get medical attention.

See Side Panel for Precautionary Statements

<<SECONDARY DISPLAY PANEL>>

PRECAUTIONS:

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- MAY BE FATAL IF ABSORBED THROUGH SKIN OR INHALED.
- DO NOT SUBJECT TO TEMPERATURES BELOW 0 °C
- When mixing spray, loading, applying or otherwise handling, wear:
 - Coveralls over short-sleeved shirt and short pants
 - Chemical resistant gloves such as barrier laminate, butyl rubber, neoprene rubber, polyvinylchloride (PVC), viton, or nitrile rubber
 - Chemical resistant footwear plus socks
 - Goggles (or preferably a full face shield)
 - Chemical resistant apron when cleaning equipment, mixing or loading
 - A NIOSH approved respirator with an organic vapour (OV) cartridge or canister with any R, P, or HE prefilter.
- Gloves should be washed with soap and water after use and replaced regularly.
- Wear clean clothes daily.
- Wash thoroughly after handling and before eating or smoking.
- Keep animals and unprotected persons out of operational areas during treatment and while there is danger of drift.
- Do not store near food or feed
- Do not breathe vapours or spray mist. Do not get in eyes, on skin, or on clothing.

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.

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.

NATURE OF RESTRICTION: This product is to be stored and displayed away from food and feed.

STORAGE:

Store product in original container only, away from fertilizer, food and feed. Not for use or storage in or around the home. Keep container closed.

FIRST AID:

INGESTION:

Call a physician or poison control centre IMMEDIATELY. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

INHALATION:

Remove from exposure and have patient lie down and keep quiet. If patient is not breathing, start artificial respiration immediately. Never give anything by mouth to an unconscious person.

SKIN CONTACT:

Immediately remove contaminated clothing and wash skin with plenty of soap and water. Remove and

wash contaminated clothing before re-use. Washing facilities should be available at all times close to the site of handling.

EYE CONTACT:

Flush with clean water for 15 minutes and get medical attention or call a poison control centre IMMEDIATELY.

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

For medical emergencies call 1-800-441-3637 (24 hours).

TOXICOLOGICAL INFORMATION: ATROPINE IS AN ANTIDOTE--SEEK MEDICAL ATTENTION AT ONCE IN ALL CASES OF SUSPECTED POISONING

WARNING SYMPTOMS - Oxamyl poisoning produces effects associated with anticholinesterase activity which may include weakness, blurred vision, headache, nausea, abdominal cramps, discomfort in the chest, constriction of pupils, sweating, slow pulse, muscle tremors.

REPEATED INHALATION OR SKIN CONTACT WITH VYDATE L NEMATICIDE/ INSECTICIDE OR OTHER ORGANOPHOSPHATE AND CARBAMATE PESTICIDES MAY, WITHOUT SYMPTOMS, PROGRESSIVELY INCREASE SUSCEPTIBILITY TO POISONING.

NOTE TO PHYSICIAN:

TREATMENT - Atropine sulphate should be used for treatment. Administer repeated doses, 1.2 to 2.0 mg intravenously every 10 to 30 minutes until full atropinization is achieved. Maintain atropinization until the patient recovers. Artificial respiration or oxygen may be necessary. Allow no further exposure to any cholinesterase inhibitor until recovery is assured.

Do not use 2-PAM for exposure to VYDATE L Nematicide/Insecticide alone. However, for exposure to combinations of VYDATE L Nematicide/ Insecticide and organophosphorous insecticides, 2-PAM may be used as required to supplement the atropine sulfate treatment. Do not use morphine.

DIRECTIONS FOR USE:

VYDATE L Nematicide/Insecticide should be used only in accordance with recommendations on this label or in separate DuPont recommendations available through local dealers.

PHYSICAL AND CHEMICAL HAZARDS:

Flammable. Keep away from heat, sparks, and open flame. Keep container closed. Use with adequate ventilation.

ENVIRONMENTAL HAZARDS:

This product is toxic to fish, birds, and other wildlife. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favour drift from areas treated. Do not spray when wind speed exceeds 10 km/h. Do not contaminate water by cleaning of equipment or disposal of wastes. This product is toxic to bees exposed to direct application. Do not apply this product while bees are actively visiting the treatment area. Time applications to coincide with periods of minimum bee activity.

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 the 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.

SPRAY PREPARATION:

Fill spray tank 1/4 to 1/2 full of water. Add VYDATE L Nematicide/Insecticide directly to the tank. Add remaining water to mix thoroughly. No further agitation is necessary. Always wear gloves when handling containers or contaminated equipment.

NON-BEARING APPLE TREES

(Trees that will not bear fruit within 12 months after application)

NEMATODES: root-lesion nematodes. Liquid drench treatment:

Mix 1.25 litres of VYDATE L Nematicide/Insecticide per 1000 litres of water. Apply drench at a rate of 3.5 to 10 litres in a circle approximately 1 metre in diameter around the base of each tree, to cover the root zone.

Apply in spring just as active root and green leaf growth commences on young whips and non-bearing trees already established. Temperatures should be over 7°C. Do not apply to trees under water stress or if not actively growing. Do not dip nursery stock.

Liquid drench PLUS foliar treatment:

For best results apply a soil drench and one foliar spray at the high rate. Apply both treatments when growth commences.

Foliar treatment:

Mix 4.1 to 8.2 litres of VYDATE L Nematicide/ Insecticide L per 1000 litres of water and apply as a dilute spray. Spray to runoff. Do not apply more than 9.35 litres VYDATE L Nematicide/ Insecticide per hectare in one application. Apply first spray at first full leaf or when plants are in a period of active growth. Apply on a 2-3 week schedule for a total of three applications. Do not apply to plants under water stress or to plants not actively growing. This treatment will also control insect pests present at time of spraying. See next section for insects controlled.

INSECTS AND MITES:

(Green apple aphid, rosy apple aphid, leafhoppers, leaf rollers, tarnished plant bug, tentiform leafminers, apple rust mites, two spotted spider mites and European red mites)

Foliar treatment:

Mix 1.5 to 3 litres VYDATE L Nematicide/ Insecticide per 1000 litres of water and apply as a dilute spray. Spray to runoff but do not exceed 9.35 litres VYDATE L Nematicide/ Insecticide per hectare in one application. Apply as needed to maintain control.

POTATOES

INSECTS:

(Colorado potato beetle, flea beetles, green peach aphid, potato aphid, potato leafhopper, tarnished plant bug)

Foliar treatment:

Apply 2.3 to 3 litres of VYDATE L Nematicide/ Insecticide per hectare in 300-900 L/ha spray solution. Apply sufficient volume of spray solution to thoroughly wet the foliage. Make applications when insects first appear and repeat weekly or as needed. Use the low rate for light infestations of insects. Use the higher rate for severe infestations or if aphids are the primary pest. Do not apply within 7 days of harvest.

NOTE:

VYDATE L Nematicide/ Insecticide will not control Colorado potato beetles resistant to carbamates.

RASPBERRIES

VYDATE L Nematicide/ Insecticide is recommended for the control of Raspberry Root Lesion Nematode in raspberries.

Soil Drench:

Apply one application in fall before October 31 at a rate of 9.35 litres per hectare as a soil drench over raspberry roots. Apply only once during a 12 month period. Do not apply in the spring.

RESISTANCE-MANAGEMENT RECOMMENDATIONS:

For resistance management, please note that VYDATE L Nematicide/ Insecticide contains a Group 1A Insecticide/nematicide. Any insect population may contain individuals naturally resistant to VYDATE L Nematicide/ Insecticide and other Group 1A insecticides/nematicides. 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 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 VYDATE L Nematicide/ Insecticide or other Group 1A insecticides/nematicides with different insecticide/nematicide groups that control the same pests in a field.
- ◆ Avoid exceeding the maximum number of applications per season as outlined in “Directions for Use” for each crop type. Avoid consecutive sprays of Vydate L Nematicide/Insecticide or other insecticides in the same group in a season.
- ◆ 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 specific site and pest problems in your area.

For further information or to report suspected resistance, contact your local DuPont representative or the DuPont hotline at 1-800-667-3925 for further information.

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<<Shipper/Carton LABEL>>

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