

FRONT

GROUP 1B INSECTICIDE

PYRIFOS® 50W**INSECTICIDE****COMMERCIAL**

This product is not to be used in and around homes or other residential areas such as parks, school grounds, playing fields. It is not for use by homeowners or other uncertified users.

DANGER POISON**READ THE LABEL AND ATTACHED BOOKLET BEFORE USING****KEEP OUT OF REACH OF CHILDREN****REGISTRATION NO: 25328****PEST CONTROL PRODUCTS ACT****GUARANTEE: Chlorpyrifos 50%****UNITED AGRI PRODUCTS CANADA INC.****~~UNITED AGRI PRODUCTS~~****789 Donnybrook Drive****Dorchester, Ontario****N0L 1G5**

Notification Change

16292 03/04

NET CONTENTS: 2 Kg

PRECAUTIONS:

**KEEP OUT OF REACH OF CHILDREN. MAY BE FATAL IF SWALLOWED.
HARMFUL IF ABSORBED THROUGH SKIN. MAY CAUSE EYE IRRITATION.**

Avoid contact with eyes, skin and clothing. Avoid breathing dust or spray mist. The use of a mask or respirator of a type approved by CSA or NIOSH for filtering spray mists and organic vapours, safety glasses, impervious gloves and long sleeved clothing is recommended when loading the spray tank, handling the powder or if application equipment capable of producing a fine mist is involved. Remove contaminated clothing and wash before reuse. Discard contaminated leather articles. Wash thoroughly with soap and water after handling and before eating or smoking.

FIRST AID:

IF SWALLOWED: Induce vomiting immediately by giving two glasses of water and touching the back of the throat with a finger. Never induce vomiting or give anything by mouth to an unconscious person. Call a physician or poison control centre immediately.

IF IN EYES: Flush immediately with flowing water for at least 15 minutes.

IF ON SKIN: Wash off in flowing water or shower. Wash contaminated clothing before reuse. Avoid prolonged or repeated contact with the skin.

IF INHALED: Remove to fresh air if effects occur. Get medical attention.

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

TOXICOLOGICAL INFORMATION:

Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate degree of exposure (baseline data can be useful). Atropine, only by injection, is the preferable antidote. Oximes, such as 2-PAM/protopam, may be therapeutic if used early; however, use only in conjunction with atropine. In case of severe acute poisoning, use antidote immediately after establishing an open airway and respiration.

ENVIRONMENTAL HAZARDS:

This product is highly toxic to bees exposed to direct treatment or residue on crops. Avoid use when bees are actively foraging. PYRIFOS 50W insecticide is also toxic to fish, crustaceans, and birds. Keep out of lakes, streams, ponds and other waterways. Do not apply where runoff is likely to occur. Do not apply when weather conditions favour drift from treated areas.

STORAGE

Do not contaminate water, food or feed by storage, by cleaning of equipment or disposal of wastes.

DISPOSAL

1. Thoroughly empty the contents of the container into the application device.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. 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.

NOTICE TO USER: This 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 a control product under unsafe conditions.

NOTICE TO BUYER: Seller's guarantee shall be 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.

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GUARANTEE: Chlorpyrifos 50%

UNITED AGRI PRODUCTS CANADA INC.

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GENERAL INFORMATION:

Use PYRIFOS 50W insecticide for the control of subterranean cutworms in green peppers, cucumbers, potatoes, chinese cabbage, cabbage, broccoli, Brussels sprouts, cauliflower, rutabagas, onions, (excluding bunching onions), celery, carrots, field and sweet corn, root maggots in tobacco and cabbage; strawberry cutworm (crown borer) in strawberries, potato flea beetle and tarnished plant bug in potatoes.

Restricted Entry Intervals

The worker restricted entry level (REI) is 24 hours for all crops, except cauliflower (10 days), tree nuts (2 days) and fruit trees (4 days).

DIRECTIONS FOR USE:

Best results will be obtained when application of PYRIFOS 50W is made during the afternoon or early evening. Apply as a broadcast application unless otherwise directed, over the crop in sufficient water to give thorough coverage of the soil surfaces. See table for pre-harvest intervals. DO NOT APPLY BY AIR.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, please note that PYRIFOS 50W contains a Group 1B insecticide. Any insect population may contain individuals naturally resistant to PYRIFOS 50W 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 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 PYRIFOS 50W 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 or to report suspected resistance, contact UNITED AGRI PRODUCTS at 1-800-265-4624 or at www.uap.ca

MIXING INSTRUCTIONS:

PYRIFOS 50W mixes readily with water to form a suspension. Add the required amount of PYRIFOS 50W while filling the spray tank. Maintain sufficient agitation during both mixing and application to ensure uniformity of the spray mixture.

CROP	INSECTS	RATE/HA	REMARKS
Broccoli, Brussels sprouts, cabbage, Chinese cabbage, cauliflower, celery, cucumber, green pepper, potato, rutabaga, field and sweet corn	Dark-sided cutworm, Black cutworm, Red-backed cutworm	1.125-2.25 kg	Seedling treatment: Apply once in 200 to 400 L of water/ha at the seedling (2 to 5 leaf) stage when damage first appears.
Carrots, onions (excluding bunching onions)	Dark-sided cutworm, Black cutworm, Red-backed cutworm	2.25-4.5 kg	Seedling treatment: Apply once in 200 to 400 L of water/ha at the seedling (2 to 5 leaf) stage when damage first appears. Do not use on bunching onions.
Tobacco	Seed corn maggot	400-480 g	Transplant water treatment: Mix 27.5 g of product in 200 L of water and apply 200 mL with each plant. Do not use starter fertilizers or Lindane with PYRIFOS 50W insecticide. Keep mixture well agitated.
Cabbage	Cabbage maggot	1.55-1.625 kg	Transplant water treatment: Mix 65 g of product in 200 L of water and apply 200 mL with each plant. Do not use starter fertilizers or Lindane with PYRIFOS 50W insecticide. Keep mixture well agitated.
Strawberries	Strawberry cutworm (crown borer)	1.125 kg	Foliage treatment: Apply once in 2000 L of water/ha between June 1 and June 15. Application of large volumes of water is desirable to ensure full wetting of the crown area of the plant. Keep well agitated.
Potato	Potato flea beetle, Tarnished plant bug	1.125-2.25 kg	Apply weekly as needed in 200-400 L/ha of water. Do not make more than 9 applications per season.

PRE-HARVEST INTERVAL

Time between last application and harvest:

CROP	INTERVAL (DAYS) BETWEEN LAST APPLICATION AND HARVEST
Potato	7
Strawberry	20
Rutabaga	30
Cabbage, chinese cabbage, cauliflower, broccoli, Brussels sprouts	32
Green pepper	40
Carrot, cucumber, onions	60
Celery, corn (field and sweet)	70

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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., contact 1-866-375-4648 or www.cropro.org.

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