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GROUP	1B	INSECTICIDE
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MALATHION GRAIN PROTECTOR DUST

COMMERCIAL INSECTICIDE

READ THE LABEL BEFORE USING

FOR USE ON STORED GRAINS

Protects against damage from Confused Flour Beetle, Granary Weevil, Saw-toothed Grain Beetle, Flat Grain Beetle, Rusty Grain Beetle, Lesser Grain Borer and Indian Meal Moth.

REGISTRATION NO. 15896

PEST CONTROL PRODUCTS ACT

GUARANTEE: Malathion 2%

WARNING, contains the allergen wheat.

UNITED AGRI PRODUCTS CANADA INC.

789 Donnybrook Drive

Dorchester, Ontario

N0L 1G5

NET CONTENTS: 22.7 kg

16292

09/05

GENERAL INFORMATION

FOR USE ON STORED GRAINS: Wheat, oats, rice, rye, barley and field and garden seeds.

PROTECTS AGAINST DAMAGE from Confused Flour Beetle, Granary Weevil, Saw-toothed Grain Beetle, Flat Grain Beetle, Rusty Grain Beetle, Lesser Grain Borer and Indian Meal Moth.

DIRECTIONS FOR USE

Apply MALATHION GRAIN PROTECTOR DUST to the grain at the appropriate rate as the grain is being loaded or turned into the final storage.

	grams/1000 kg (tonne)
Wheat	415
Rye	450
Barley	520
Oats	735
Rice	550

The most convenient way to apply MALATHION GRAIN PROTECTOR DUST is to treat the grain when it is in the truck or wagon prior to binning. Determine the volume of grain in the truck or wagon in metric tonnes (1000 kg). Measure out the correct amount of MALATHION GRAIN PROTECTOR DUST as per the table listed above. Spread the DUST evenly over the surface of the grain. Cut the DUST into the grain with a shovel. The DUST will become mixed with the grain as it is dumped from the truck into the auger hopper. Further mixing will occur when the grain is augered into the bin. Mixing is completed as the MALATHION GRAIN PROTECTOR DUST and grain roll down the cone-shaped pile in the bin.

To protect stored grains from attack apply MALATHION GRAIN PROTECTOR DUST to the surface of clean or infested grain at the rate of 4.75 kg/100m² of grain surface area. Apply the DUST evenly over the surface of the grain. Apply immediately after grain is loaded into storage and repeat if necessary. Work into a depth of 15 cm with a rake.

Field and Garden seeds can be protected against stored products insects with a dosage of 60g of MALATHION GRAIN PROTECTOR DUST per 100 kg of seed.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that MALATHION GRAIN PROTECTOR DUST contains Group 1B insecticide. Any insect population may contain individuals naturally resistant to MALATHION GRAIN PROTECTOR DUST and other Group 1B insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly. 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 MALATHION GRAIN PROTECTOR DUST or other Group 1B insecticides with different groups that control the same pests.
- Use 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 the Technical Service, UNITED AGRI PRODUCTS CANADA INC., 1-800-265-4624 or at www.uap.ca.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

Avoid prolonged breathing of DUST. Avoid contact with the skin, eyes and clothing. Wash thoroughly after using. This product is highly toxic to fish and bees exposed to direct treatment of residues on crops. Protective information may be obtained from your agricultural extension service. Do not contaminate any body of water. Containers should be tightly sealed when not in use. Do not store near feed, food, fertilizers, seed and like commodities. Do not apply to grain within 7 days of selling.

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/.

IMPORTANT

Use of this product, as directed will be within the tolerance of 8 parts per million for Malathion. Treated grain is not subject to downgrading and can be milled into flour or feed using normal production methods.

FIRST AID

In case of exposure to Malathion, move patient from area and remove all contaminated clothing. IF ON SKIN, wash with soap and water. IF IN EYES, flush with water. IF SWALLOWED, and patient is conscious, induce vomiting by giving one or two glasses of water and touching back of throat with finger or blunt object. If breathing is weak or irregular give artificial respiration. Get prompt medical attention or contact a poison control center. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Malathion is a cholinesterase inhibitor. Atropine is antidotal. Do not use 2-PAM.

SYMPTOMS OF POISONING: Headache, weakness, blurred vision, nausea.

STORAGE: Store away from food and feed.

DISPOSAL

1. Empty contents of the container thoroughly.

2. Follow provincial instructions 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.