

06-MAR-2003

GROUP 1A INSECTICIDE

PIRIMOR® 50WP
WETTABLE POWDER
(Contains Pirimicarb)

AGRICULTURAL

INSECTICIDE

Aphicide for tobacco, potatoes, peppers, lettuce, asparagus, peas, sweet corn and apples, strawberries (non-bearing)

GUARANTEE:

pirimicarb50%

READ THE LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN

DANGER



POISON

REGISTRATION NO. **12373**
PEST CONTROL PRODUCTS ACT

NET CONTENTS: **1 kg**

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Notification Change

Canadian Patent No. 933, 159, 1973

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.

FIRST AID

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

If symptoms occur, cease spraying, move out of sprayed area and call a doctor **IMMEDIATELY**.

If swallowed, induce vomiting and call a doctor or Poison Control Centre.

If on skin, wash immediately.

If in eyes, flush immediately with plenty of water.

TOXICOLOGICAL INFORMATION

PIRIMOR 50WP (pirimicarb) insecticide is a moderate, reversible cholinesterase inhibitor. Atropine at 1-4 mg by intramuscular injection is antidotal followed by a further 2 mg every 30 min., as necessary. P2S and 2-PAM are not effective.

PRECAUTIONS**KEEP OUT OF REACH OF CHILDREN.**

Avoid breathing dust or spray mist. Avoid contact with skin and eyes. For protection, wear gloves, overalls and an eye protector. Wash hands and exposed skin before meals and after work. Change contaminated clothing daily. Harmful to livestock. Avoid contamination of food and feed, ponds, lakes and waterways. Store in original container.

SYMPTOMS OF POISONING ARE: Blurred vision and/or breathing difficulties.

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

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:

FOR DISPOSAL OF PLASTIC JUGS:

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.

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

PRODUCT INFORMATION

PIRIMOR 50WP is a fast acting aphicide with local systemic action in plant leaves. PIRIMOR 50WP is recommended for use on tobacco, potatoes, peppers, lettuce, asparagus, peas, sweet corn, apples and strawberries (non-bearing).

DIRECTIONS FOR USE

TOBACCO: Green peach aphid - Ground Application - Apply 275 to 550 g of PIRIMOR 50WP in 450 to 500 litres of water per hectare. Use higher rates when aphid populations are high. Spray for thorough coverage of the upper part of the plant where aphids are normally found. Use the same boom nozzle arrangements as recommended for tobacco hornworm or tobacco sucker control.

Aerial Application - Apply 425 to 550 g/ha in a minimum of 20 litres of water per hectare. Use the higher rate when aphid populations are high. Adequate coverage is difficult in areas close to obstacles such as trees, buildings etc. and ground application should be considered for such areas.

Do not apply PIRIMOR 50WP more than twice per season. Do not apply within 14 days of harvest.

PIRIMOR 50WP is compatible with THURICIDE® HPC, DIPEL®, SEVIN® and recommended tobacco sucker control agents.

POTATOES: Potato Aphids (green peach aphid, buckthorn aphid, potato aphid) – Ground Application - Apply PIRIMOR 50WP at 425 to 550 g in 500 to 1000 litres of water per

hectare, using the higher rate when aphid populations are high. Spray to ensure thorough coverage of all foliage. Repeat applications as required to maintain control. Do not apply less than 7 days before harvest.

PEPPERS: Green Peach Aphid – Ground Application - Apply PIRIMOR 50WP at 275 to 550 g in 500 to 1000 litres of water per hectare, using the higher rate when aphid populations are high. Spray to ensure thorough coverage of all foliage. Repeat application as required to maintain control. Do not apply less than 3 days before harvest.

ASPARAGUS: Asparagus Aphid- Ground Application - Apply by boom or field sprayer at a rate of 1 kg of PIRIMOR 50 WP in 675 L of water per hectare at three to four week intervals as needed until defoliation in October. For immature asparagus, begin first application mid-May. For mature asparagus begin application July 1 after crop has been harvested.

LETTUCE: Lettuce Aphid, Green Peach Aphid, Potato Aphid, Foxglove Aphid- Ground Application - Apply 300 to 500 g of PIRIMOR 50WP per hectare in 500-1000 L water per hectare as a foliar spray when aphids are present. Repeat as needed. Do not apply within 7 days of harvest.

PEAS: Pea Aphid– Aerial Application – Apply 150 to 275 g of PIRIMOR 50WP per hectare with at least 17 L of water per hectare by aircraft. Use a higher rate when the aphid population is high and/or when very cool weather is prevailing. Do not apply within 6 days of harvest.

SWEET CORN: Aphids- Ground Application - Apply PIRIMOR 50WP at 550 g/ha. Make one application only. Do not apply within 3 days of harvest.

APPLE: (Eastern Canada only): Ground Application Aphids (apple aphid, rosy apple aphid, woolly aphid, apple grain aphid) - Apply PIRIMOR 50WP at 850 to 1700 g/ha in sufficient water for thorough coverage. Use the higher rate for heavy aphid populations. **White apple leafhopper** - Apply PIRIMOR 50WP at 1700 g/ha for mature standard trees. Follow provincial spray calendar recommendations for proper timing of spray applications. Do not make more than two applications per season allowing at least 35 days between sprays. Do not apply less than 35 days before harvest.

Strawberries (Non-Bearing): Aphids - Ground Application - Apply 275 g per hectare in sufficient water for thorough coverage beginning 3 weeks after transplanting when aphid populations warrant. Use a boom sprayer. Do not make more than 4 applications per year.

Generic Aerial Application Label Instructions - Directions for Use

Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label.

Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.

Ensure uniform application. To avoid streaked, uneven or overlapped application, use

appropriate marking devices.

Use Precautions

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the *Basic Knowledge Requirements for Pesticide Education in Canada: Applicator Core* and *Aerial Module*, developed by CAPCO.

Do not apply to any body of water. Avoid drifting of spray onto any body of water or other non-target areas. Specified buffer zones should be observed.

Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in fine particles (mist). Do not apply during periods of dead calm or when wind velocity and direction pose a risk of spray drift. Do not spray when the wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as shelter-belt) or aquatic habitat.

Operator Precautions

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.

It is desirable that the pilot have communication capabilities at each treatment site at the time of application.

The field crew and the mixer/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label.

All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

Product Specific Precautions

Read and understand the entire label before opening this product. If you have questions, call the manufacturer or obtain technical advice from the distributor or your provincial agricultural representative. Application of this specific product must meet and/or conform to the following:

Volume: Apply the recommended rate in a minimum spray volume of 20 litres per hectare.

Resistance-Management Recommendations

For resistance management, please note that PIRIMOR 50WP Insecticide contains a Group 1A insecticide. Any insect population may contain individuals naturally resistant to PIRIMOR 50WP Insecticide and other Group 1A insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same field. 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 PIRIMOR 50WP Insecticide or other Group 1A insecticides with different groups that control the same pests in a field.

Avoid application of more than the maximum number listed in the label and consecutive sprays of PIRIMOR 50WP 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 the specific site and pest problems in your area.

For further information or to report suspected resistance, contact company representatives at 1-800-459-2422 (in Eastern Canada) or 1-800-665-9250 (in Western Canada) or at www.syngenta.ca.

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