

8-SEP-2003 Notification received of a label change. See below for this change.

08-MAY-2002

GROUP	4	FUNGICIDE
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RIDOMIL® 2G

FUNGICIDE

AGRICULTURAL

Systemic fungicide for the control of Cavity Spot in Carrots, Damping Off and Stunt in Head Lettuce and Phytophthora Root Rot caused by *Phytophthora cactorum* in ginseng

GUARANTEE:

Metalaxyl.....2%

READ THE LABEL BEFORE USING

REGISTRATION NO.: **24037**
PEST CONTROL PRODUCTS ACT

NET CONTENTS: **11.34 kg**

Syngenta Crop Protection Canada, Inc.
140 Research Lane
Research Park, University of Guelph
Guelph, Ontario
N1G 4Z3

Notification Change

BAG LABEL

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 spilled on skin, wash off immediately with soap and water.

If in eyes, flush with plenty of water. If irritation occurs, seek medical attention or contact a poison control centre.

If swallowed, drink 1 or 2 glasses of water and induce vomiting by inserting finger down the throat. **GET MEDICAL ATTENTION OR CONTACT A POISON CONTROL CENTRE.**

TOXICOLOGICAL INFORMATION:

No specific antidote known. Treat symptomatically for ingestion and/or skin and eye contact.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. Harmful if swallowed. Avoid inhalation of dust. Avoid contact with skin and eyes. Do not eat, drink or smoke while loading applicator or during application. Change clothing after use. Wash with soap and water after use. Do not contaminate streams, lakes, ponds, irrigation water, water used for livestock or domestic purposes by cleaning of equipment or disposal of wastes. In order to minimize risk to the environment from the use of this product do not use on coarse textured gravelly soils, soils with less than 2% organic matter, or in areas where the water table may be high.

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:

1. Empty 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, and the cleanup of spills, contact the Provincial Regulatory Agency or the manufacturer.

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

GENERAL INFORMATION:

RIDOMIL® 2G Fungicide is a systemic fungicide for the control of cavity spot in carrots, damping-off or stunt in head lettuce and the control of phytophthora root rot in ginseng. RIDOMIL 2G Fungicide moves into the soil and is readily absorbed through the roots of plants. This provides protection against diseases found in the soil.

USE LIMITATIONS:

Experience has shown that strains of fungus resistant to metalaxyl may develop. Failure to control the disease will result in crop damage and/or yield losses. Since the occurrence of resistance cannot be foreseen, Syngenta Crop Protection Canada, Inc. accepts no responsibility for any loss of, or damage to, crops resulting from the failure of RIDOMIL 2G Fungicide to control the resistant fungi strains. If high levels of disease appear, consult your horticultural specialist immediately. Do not use RIDOMIL 2G Fungicide for disease control in greenhouses.

IN FURROW APPLICATION:

It is important to calibrate each individual granular applicator before use. Even after calibration, check the application rate under actual operating conditions. Application rates can vary due to changing moisture conditions, equipment wear and normal variation in product density and particle size distribution.

Calibration:

To calibrate a granular applicator, follow the procedure as outlined below:

1. Fill the hopper with RIDOMIL 2G Fungicide.
2. Attach a plastic bag to the spout opening.
3. Refer to the chart provided by the applicator manufacturer and select a setting which will deliver the required amount of product per 100 metres of row at the desired speed.
4. Measure off 300 metres and drive at the speed selected.

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5. Weigh each bag and divide the weight of each bag by 3 to determine grams/100 metres. Adjust settings as needed to obtain the desired rate and repeat steps 2-5 until the setting delivers the correct number of grams per 100 m.
 6. Repeat steps 1 to 5 for each applicator box.

Conversions:

1. Time to cover 300 m at:
6.4 kph = 2 min 47 sec = 4 mph
8 kph = 2 min 14 sec = 5 mph
9.7 kph = 1 min 55 sec = 6 mph

When calibrating granular applicators, follow the recommendations below:

1. To reduce granule flow variability, adjust orifice openings by moving the controls in one direction only, such as from the closed position to open.
2. Granule flow through an orifice is not always proportional to ground speed, so make calibration checks at the same speed you plant and maintain that ground speed as constant as possible when planting.
3. Granular pesticide products vary considerably in size, density and particle shape, so recalibrate applicators whenever you change brands and/or formulations. The same brand can even change from year to year.
4. Changing humidity and temperature during the day can change the flow rate of granules through the applicator's orifice. Recalibrate when conditions change and periodically readjust orifice settings to compensate.
5. Calibrate frequently. There are several acceptable calibration methods. Learn one. Do the arithmetic first, then complete the material collection phase under field conditions.

DIRECTIONS FOR USE:**CARROTS AND HEAD LETTUCE:**

Use RIDOMIL 2G Fungicide on carrots for control of cavity spot and head lettuce for control of damping-off or stunt diseases caused by *Pythium* spp. Apply RIDOMIL 2G Fungicide in the seed furrow at the rate of 25 kg per treated hectare at the time of planting. Ensure that the product is applied evenly with the seed in the seed furrow. For carrots, calibrate the granular applicator to deliver 215 g of RIDOMIL 2G Fungicide per 100 metres of raised bed regardless of the number of rows of carrots in each bed. For direct seeded head lettuce, calibrate the applicator to deliver 115 g of RIDOMIL 2G Fungicide per 100 metres of row. Do not use on transplanted lettuce. Make only one application per year.

COMPATIBILITY:

RIDOMIL 2G FUNGICIDE SHOULD NOT BE MIXED WITH ANY NEMATOCIDE, INSECTICIDE, HERBICIDE, FUNGICIDE, GROWTH REGULATOR, OR FERTILIZER.

NOTICE TO BUYER/USER:

The DIRECTIONS FOR USE for this product for the use described below were developed by persons other than Syngenta Crop Protection Canada, Inc. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Syngenta Crop Protection Canada, Inc. itself makes no representation or warranty with respect to performance (efficacy) and/or crop tolerance (phytotoxicity) claims for this product when used on the crop listed below.

Accordingly, the Buyer and User assume all liability arising, and agree to hold Syngenta Crop Protection Canada, Inc. harmless, from any claims based on efficacy and/or phytotoxicity in connection with the use described below.

DIRECTIONS FOR USE:

GINSENG:

Use RIDOMIL 2G FUNGICIDE on ginseng for the control of Phytophthora Root Rot caused by *Phytophthora cactorum*. Apply RIDOMIL 2G Fungicide uniformly as a broadcast application, using a suitable granular spreader, to the mulched beds of ginseng. Apply at the rate of 31.25 kg of RIDOMIL 2G Fungicide per hectare. Make one application in the spring just prior to the time the plants begin growing using either RIDOMIL 240EC or RIDOMIL 2G Fungicide. Read the RIDOMIL 240EC label for specific use instructions. Make a second application six weeks later and a third application six weeks after the second one using RIDOMIL 2G Fungicide. Do not apply within 9 days of harvest. Do not make more than 3 applications per year. RIDOMIL 240EC should only be applied prior to the emergence of the ginseng.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, RIDOMIL 2G Fungicide contains a Group 4 fungicide. Any fungal population may contain individuals naturally resistant to RIDOMIL 2G Fungicide and other Group 4 fungicides. A gradual or total loss of pest control may occur over time if these fungicides 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 fungicide resistance:

- Where possible, rotate the use of RIDOMIL 2G Fungicide or other Group 4 fungicides with different groups that control the same pathogens.
- Fungicide use should be based on an IPM program that includes scouting, historical information related to pesticide use and crop rotation and considers cultural, biological and other chemical control practices.
- Monitor treated fungal populations for sign of resistance development. If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different target site of action, if available.

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- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and disease 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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