

25-NOV-1999

RIDOMIL (R) GOLD /COPPER 65WP

WATER SOLUBLE BAG

FUNGICIDE

AGRICULTURAL

Wettable powder for the control of downy mildew in grapes.

Net Weight: 2.27 kg

GUARANTEE:

metalaxyl-M 5%

copper hydroxide* 60%

*metallic copper equivalent... 39.1%

READ THE LABEL BEFORE USING

KEEP OUT OF THE REACH OF CHILDREN

RIDOMIL GOLD/COPPER 65WP is contained inside this bag in a "Water Soluble Bag"

The water soluble bag should be dropped straight into the spray tank. Do not touch it with wet gloves. Do not open water soluble bag.

REGISTRATION NUMBER: 25378 PEST CONTROL PRODUCTS ACT POISON

Novartis Crop Protection Canada Inc.
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Research Park, University of Guelph
Guelph, Ontario
N1G 4Z3

POISON

WARNING

DANGER-CORROSIVE TO EYES

PEEL OPEN THIS PACKAGE AT THE TOP

OUTER BAG

POUR INNER BAG DIRECTLY INTO THE SPRAYER

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, call a physician or a poison control centre immediately.

If In eyes, flush repeatedly with clean water for 15 minutes and obtain medical attention or contact a poison control centre immediately.

If swallowed, give the patient 1-2 glasses of water, and contact a physician or a poison control centre immediately. Never give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING.

If on skin, remove contaminated clothing and wash skin thoroughly with soap and water. If irritation occurs, contact a physician or a poison control centre.

If inhaled, move person to fresh air. Give artificial respiration, if necessary, preferably using mechanical means. If possible, avoid mouth to mouth resuscitation. Contact a physician or a poison control centre immediately.

TOXICOLOGICAL INFORMATION:

If ingested, monitor patient for mucous membrane damage before initiating gastric lavage. Monitor blood for evidence of hemolysis and methemoglobinemia. Copper poisoning can be treated with disodium edetate orally and intravenously. Penicillamine is an effective chelating agent for copper. Contamination of the eyes may require specialized ophthalmologic attention.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. Harmful if swallowed. Avoid inhalation of dust or spray mist. Avoid contact with skin and eyes. Causes severe eye injury. Wear goggles or full face shield when mixing, loading, spraying or during equipment clean-up and repair. Change contaminated clothing and gloves daily and wash thoroughly before re-use. Wear coveralls during all work activities and chemical-resistant gloves during mixing, loading, clean-up and repair.

Shower thoroughly at the end of the day. Do not eat, drink or smoke while mixing or during application. Avoid contamination of food and feed. Avoid contamination of domestic or irrigation water supplies, lakes, streams and ponds by cleaning of equipment or disposal of wastes. Avoid application when weather conditions favour drift from treated areas. 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. DO NOT REENTER TREATED AREAS WITHIN 12 HOURS.

STORAGE: This product must be maintained in heated storage above 0° C.

DECONTAMINATION AND DISPOSAL:

1. Empty the contents of the outer bag into the spray tank.
2. Make the empty outer bag unsuitable for further use.
3. Dispose of the outer bag in accordance with provincial requirements.
4. For information on the disposal of unused, unwanted product and the clean-up of spills, contact the Provincial Regulatory Agency or the manufacturer.

IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING CALL 1-800-267-6351

GENERAL INFORMATION:

RIDOMIL® GOLD /COPPER 65WP is a combination of a systemic and contact fungicide for the control of downy mildew, caused by *Plasmopara viticola*, in grapes. Copper applied under cool, slow drying conditions is likely to cause injury, even to tolerant varieties.

Compatibility: Do not tank mix RIDOMIL GOLD®/COPPER 65WP with any other insecticide or fungicide. Do not use liquid fertilizer as a carrier for RIDOMIL GOLD®/COPPER 65WP. Do not add

micronutrients; to the spray mixture. Liquid fertilizers or micronutrients may prevent the water soluble bags from dissolving properly.

USE LIMITATIONS:

Experience has shown that strains of fungi resistant to metalaxyl-M may develop. Failure to control the disease will result in crop damage and/or yield losses. Since the occurrence of resistance cannot be foreseen, Novartis Crop Protection Canada Inc. accepts no responsibility for any loss of, or damage to, crops resulting from the failure of RIDOMIL GOLD®/COPPER 65WP to control the resistant fungi strains. If disease appears in the field, consult the Government Disease Specialist immediately. Do not use RIDOMIL GOLD®/COPPER 65WP for disease control in greenhouses.

SPRAYER INFORMATION:

Use conventional spray equipment, which provides adequate and uniform coverage. Spray screens should be at least 50 mesh. Ensure that the by-pass line discharges at the bottom of the tank to minimize foaming. Maintain adequate pressure to ensure good foliage penetration and coverage.

CLEANING

1. Spray equipment should be thoroughly flushed with clean water and drained before and after the application of RIDOMIL GOLD®/COPPER 65WP.
2. When spraying is completed, clean the spray tank, pumps, lines and nozzles thoroughly. The copper hydroxide component of RIDOMIL GOLD®/COPPER 65WP may be corrosive to equipment and any residues left in the system may cause; burning of foliage the next time the sprayer is used.

MIXING INSTRUCTIONS

1. Sprayer should be thoroughly cleaned before use.
2. Fill the spray tank $\frac{1}{2}$ full with clean water.
3. Engage the agitation system. NOTE: Growers using a sprayer with by-pass agitation should allow the water soluble bags to completely dissolve before engaging the by-pass. Otherwise, undissolved bags could be sucked into the by-pass and plug the main screen.
4. Add the required number of unopened water soluble bags of RIDOMIL GOLD®/COPPER 65WP to the spray tank by opening this outer package at the top, then pour the inner bag into the sprayer tank. Do not touch inner bag with gloves (see diagram on front panel). Allow 8-10 minutes for complete

- mixing of the solution. Additional time may be required if the water is very cold.
5. When the water soluble bag is completely dissolved add the required amount of hydrated lime (Builder's Lime) slowly to the spray tank by washing it through a screen with the filling hose. The use of a screen will prevent lumps of lime from getting into the sprayer.
 6. Complete filling the spray tank with water while maintaining constant agitation.

NOTE: DO NOT let tank contents stand without the agitator running. DO NOT add an acidifier to the spray mixture.

DIRECTIONS FOR USE:

GRAPES

Use RIDOMIL GOLD®/COPPER 65WP as a foliar, post-bloom application for the control of downy mildew of grapes caused by *Plasmopara viticola*. Use one application of RIDOMIL GOLD MZ 68WP as a pre-bloom application according to its label directions.

The copper hydroxide component of RIDOMIL GOLD®/COPPER 65WP may be phytotoxic to certain cultivars; of grapes. Each application of RIDOMIL GOLD®/COPPER 65WP should be made with lime as part of the spray mixture. Use 3.5 kg of lime per water soluble bag of RIDOMIL GOLD®/COPPER 65WP.

Apply RIDOMIL GOLD®/COPPER 65WP at the rate of 1 water soluble bag (2.27kg) per hectare. Make an application at early bloom, again at late bloom and again at cluster closing. For late season downy mildew control use another registered fungicide. Do not apply within 66 days of harvest. Copper applied under cool, slow drying conditions is likely to cause injury, even to tolerant varieties.

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