

98D/2001E

Ridomil (R)

Copper 70WP

WATER SOLUBLE BAG

AGRICULTURAL

FUNGICIDE

Wettable Powder for the Control of Downy Mildew in Grapes

Net Weight: 2.27 kg

GUARANTEE:

metalaxyl	10%
copper hydroxide*	60%
*metallic copper equivalent	39.1%

READ THE LABEL BEFORE USING

RIDOMIL/COPPER 70WP is contained inside this bag in a "Water Soluble Bag". The 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: 24046
PEST CONTROL PRODUCTS ACT

POISON

WARNING

DANGER - CORROSIVE TO EYES

Ciba-Geigy Canada Ltd.
Crop Protection Division
6860 Century Avenue
Mississauga, Ontario
L5N 2W5

OPEN THIS PACKAGE AT TOP
POUR INNER BAG DIRECTLY INTO 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 poison control centre immediately. If on skin, remove contaminated clothing and wash skin thoroughly with soap and water. If irritation occurs, contact a physician or poison control centre. If in eyes, flush with water for 5-10 minutes and obtain medical attention or contact a poison control centre immediately. If swallowed, give the patient 1-2 glasses of water and cause vomiting by inserting finger down the throat. Repeat with water until vomit fluid is clear. The patient should be lying down with the head below the level of the feet. Do not try to cause vomiting if the patient is unconscious or in a convulsive state. Contact a physician or a poison control centre immediately.

PRECAUTIONS:

KEEP OUT OF THE 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. Avoid application when weather conditions favour drift from treated areas. 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. Do not eat, drink or smoke while mixing or during application.

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 cleanup of spills, contact the regional office of Environmental Protection, Environment Canada.

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

GENERAL INFORMATION:

RIDOMIL(R)/COPPER 70WP 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/COPPER 70WP with any other insecticide or fungicide. Do not use liquid fertilizer as a carrier for RIDOMIL/COPPER 70WP. Do not add micronutrients to the spray mixture. Liquid fertilizers or micronutrients may prevent the water soluble bags from dissolving properly.

USE LIMITATIONS:

Metalaxyl is a systemic fungicide having a specific mode of action and could be subject to development of resistant strains of fungi. Development of resistance cannot be predicted. Therefore, Ciba-Geigy cannot assume liability for crop damage resulting from resistant strains of fungi. If treatment is not effective following the use of RIDOMIL/COPPER 70WP as recommended a resistant strain of fungi may be present. If the treatment is ineffective due to the presence of a metalaxyl resistant strain of fungi, neither RIDOMIL/COPPER 70WP nor any other fungicide with a similar mode of action will effectively control that disease. Consideration should then be given to the prompt use of other types of suitable fungicides. Consult with the Provincial disease specialist for guidance in your particular area. Do not use RIDOMIL/COPPER 70WP for disease control in greenhouses.

SPRAYER INFORMATION:

Use conventional spray equipment which provides adequate and uniform coverage. Spray screens should be no finer than 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.

1. Spray equipment should be thoroughly flushed with clean water and drained before and after the application of RIDOMIL/COPPER 70WP.
2. Fill the spray tank 1/2 full with clean water.
3. Engage the agitation system.
4. Add the required number of unopened soluble bags of RIDOMIL/COPPER 70WP 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 .
7. When spraying is completed clean the spray tank, pumps, lines and nozzles thoroughly. The copper hydroxide component of RIDOMIL/COPPER 70WP may be corrosive to equipment and any residues left in the system may cause burning of foliage the next time the sprayer is used.

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/COPPER 70WP as a foliar, post-bloom application for the control of downy mildew of grapes caused by *Plasmopara viticola*. Use one application of RIDOMIL MZ 72WP as a pre-bloom application according to its label directions.

The copper hydroxide component of RIDOMIL/COPPER 70WP may be phytotoxic to certain cultivars of grapes. Each application of RIDOMIL/COPPER 70WP should be made with lime as part of the spray

mixture. Use 3.5 kg of lime per water soluble bag of RIDOMIL/COPPER 70WP.

Apply RIDOMIL/COPPER 70WP at the rate of 1 water soluble bag (2.2 kg) 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.

(R) Ridomil is a registered trademark of Ciba-Geigy Canada Ltd.

This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.

+))