



Rovral® WP
FUNGICIDE

HARMFUL KEEP OUT OF REACH OF CHILDREN ECOTOXIC

Active Ingredient:

Contains 500 g/kg iprodione in the form of a wettable powder

Net Contents:

15 kg



GROUP

2

FUNGICIDE

Registered pursuant to the ACVM Act 1997, No P2561.
See www.foodsafety.govt.nz for registration conditions.
Approved pursuant to the HSNO Act 1996, Approval Code HSR000621.
See www.epa.govt.nz for approval conditions.

PLEASE READ THE LABEL COMPLETELY BEFORE USE

This product **MUST NOT** be used for any purpose or in any manner contrary to the controls and conditions of this registration.



HAZARD CLASSIFICATIONS: 6.9B, 9.1A

This product **MUST** be under the control of an Approved Handler during use.

WARNING

May cause damage to the blood system through prolonged or repeated exposure.

ECOTOXIC

Very toxic to aquatic life.

PRECAUTIONS

Store in original container, tightly closed, away from foodstuffs and under lock and key. Avoid contact with seeds, fertilisers and other pesticides.

When handling the concentrate wear full protective clothing such as overalls, gloves and face shield. Avoid contact with skin, eyes and inhalation of spray mist. Wash splashes of concentrate from skin or eyes immediately. When spraying, wear overalls and gloves. **DO NOT** eat, drink or smoke while using. Wash hands and face before eating, drinking or smoking and after work. Wash protective clothing after use. Apply with well-maintained and calibrated spray equipment. **DO NOT** carry on a passenger service vehicle. Application, storage and record keeping should be as described in the Management of Agrichemicals NZS8409. Avoid contamination of any water supply with chemical or empty container.

CONTAINER DISPOSAL

Ensure the container is empty. Triple rinse empty container and add rinsate to the spray tank. Crush and bury in a suitable landfill. **DO NOT** reuse this container for any other purpose.

PRODUCT DISPOSAL

Dispose of this product only by using according to the label, or at an approved landfill or other approved facility.

FIRST AID

If swallowed **DO NOT** induce vomiting. For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If skin contact occurs, remove contaminated clothing and flush skin with running water. If splashed in eyes, wash out immediately with water. If inhaled move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped.

SPILLAGE

Wear suitable protective clothing including face shield, impervious gloves and boots. Prevent the product or spilled material from entering water bodies. Absorb liquid spills with inert material such as earth or sand and place in waste containers. Wash area with water and absorb with further inert material. Dispose of safely.

GENERAL INFORMATION

Rovral® WP Fungicide is recommended as a foliar spray for the control of:

- Grey mould (Botrytis) in Grapes, Kiwifruit, Glasshouse tomatoes, and Berryfruit.
- Brown rot (Monilinia spp) in Stone fruit.
- Field rot (Sclerotinia) in Kiwifruit.
- Control of many stem and foliar diseases in Flower crops and Ornamentals.

As a Post Harvest Dip - for the control of:

- Brown rot (Monilinia spp) in Stone fruit.

And as a Seed Treatment - for the control of:

- White rot in Onions.
- Rhizoctonia and Alternaria in Brassicas.

RESISTANCE MANAGEMENT

Rovral® WP contains the Group 2 fungicide, iprodione. Resistance to this dicarboximide fungicide and related products could develop from excessive use. To minimize this risk use strictly in accordance with label instructions.

It is recommended that when used for Botrytis control, no more than two applications of Rovral® WP are made per season and that alternative non dicarboximide products are used at other key times in the programme.

DO NOT use this product if resistance monitoring tests show a high level of tolerant strains are present before application is planned.

COMPATIBILITY

Rovral® WP is compatible with most commonly used fungicides and insecticides, but **DO NOT** mix with strongly alkaline materials. If unsure, check compatibility before use.

Rovral® WP is unstable in alkaline solutions: if alkaline water is used to prepare spray solutions use an acidifying or buffering agent to reduce the pH of the final solution to below pH 7.

Experience has shown Rovral® WP to be well tolerated by target field crops, but selectivity should be checked before use on new cultivars or introductions.

MIXING

Mix Rovral® WP to a smooth cream with a small quantity of water in a bucket. Half fill the spray tank, add the mixture and top up with water. Agitate thoroughly before spraying commences.

FIELD CROPS

Rates recommended below are for high volume spraying to the point of run-off. Rates should be increased for concentrate spraying. **DO NOT** use less than 75 g Rovral® WP/ 100 L.

DIRECTIONS FOR USE

Foliar Spray

Crop	Disease	Rate	Remarks
Grapes	Grey mould (Botrytis)	75 -100 g*/ 100 L	Apply once or twice in the period from veraison to harvest using alternative, non dicarboximides for the rest of the season.
Stone fruit	Brown rot (<i>Monilinia</i> spp)	75 g/ 100 L	Apply 2 - 3 sprays at 7 - 10 day intervals (more frequently following heavy rainfall) in the four week period prior to harvest. Use alternative, non dicarboximides for the rest of the season.
Kiwifruit	Botrytis & Sclerotinia fruit rots	75 g/ 100 L	Sclerotinia control: Apply at flowering and again in January if required. Botrytis control: To reduce losses from Botrytis storage rot, apply one day before harvest. NB. Applications at flowering for Sclerotinia control will also suppress Botrytis. DO NOT make more than two applications in any one season.
Berryfruit**	Botrytis	100 g/ 100 L	Apply in a programme with alternative products on a 7 - 10 day schedule from the start of flowering. Reserve use for when infection pressures are high, particularly in the pre-harvest period.
Glasshouse tomatoes	Botrytis	100 g/ 100 L (or 5 g/ 5 L fruit setting hormone)	Use in a programme with alternative products at 10 - 14 day intervals as an overall spray (or direct to the flowers in fruit setting hormone). Commence application when the second truss is in flower.
Flowers & Ornamentals	Botrytis, Stemphylium, Alternaria, Scerotinia	100 – 150 g/ 100* L	Use at 10 - 14 day intervals particularly during periods of high disease pressure. Rovral®WP is selective to a broad range of Flower and Ornamental crops. If unsure about selectivity check by spraying 1 - 2 plants prior to general use.

* Use the higher rate under conditions of severe disease pressure.
** **DO NOT** use on Rabbiteye blueberry cvs.
The addition of a non-ionic wetter at recommended rates will improve coverage of flowers in Berryfruits.

Post Harvest Dip

Crop	Disease	Rate	Remarks
Stone fruit	Brown rot (<i>Monilinia</i> spp)	100 g/ 100* L Top Up Dose 100 g/ 100*L	Dip fruit for 30 seconds to 1 minute ensuring fruit are thoroughly wet. Top up the dip periodically as required to maintain sufficient liquid to ensure complete coverage of all fruit. Replace the dip solution every 7 days or if the dip solution becomes dirty.

* The addition of an appropriate non ionic wetting agent at label rates is recommended.
Post harvest dipping should be used in addition to pre-harvest fungicide applications for Brown rot control.

Seed Treatments

Crop	Disease	Rate	Remarks
Onions	White rot (<i>Sclerotium cepivorum</i>)	250 g/ kg seed	Pellet the seed prior to drilling.
Brassicas	Rhizoctonia, Alternaria	5 g/ kg seed	Dress or pellet the seed prior to drilling.

The addition of other fungicide seed dressings are recommended if other diseases (damping off etc) are likely to be a problem.
Note: Treated seed must be tagged '**DO NOT** feed treated seed to humans or livestock'

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Limits of Agricultural Compounds. It is an offence to use this product on animals.

WITHHOLDING PERIODS

Grapes 1 Day

Stone fruit 1 Day

Kiwifruit 1 Day (24 hours)

Berryfruit 1 Day

Glasshouse tomatoes 3 Days

STORAGE

When stored appropriately, this product should show no significant degradation for a minimum of 2 years from the date of manufacture. See Safety Data Sheet for additional storage information.

SAFETY DATA SHEET

If additional hazard or safety information is required, refer to the Safety Data Sheet. For a copy visit our website at www.fmccrop.nz

NOTICE TO BUYER

FMC warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use of application, all of which are beyond the control of FMC. To the extent permitted at law FMC shall not be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer.

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Formulated for and distributed by:

FMC New Zealand Limited

6 Clayton Street

Newmarket

Auckland 1023

Freephone: 0800 65 80 80

www.fmccrop.nz

New Zealand Emergency Telephone

Transport Emergency: 0800 387 668

24 hr Emergency Medical Information: 0800 111 174

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ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IPRODIONE)

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FOR SPECIALIST ADVICE IN AN EMERGENCY ONLY, CALL 0800 387 668**

