

CAUTION
 KEEP OUT OF REACH OF CHILDREN
 READ SAFETY DIRECTIONS BEFORE OPENING OR USING



Rovral[®] Liquid

SEED DRESSING FUNGICIDE

Active Constituent: 250 g/L IPRODIONE
 Solvent: 316 g/L LIQUID HYDROCARBONS

GROUP **2** FUNGICIDE



For the control of brown leaf spot and the suppression of hypocotyl rot, in the first four weeks after emergence, in lupins and for the control of hypocotyl rot in potatoes

CONTENTS: 1000L, 200L, 110L, 100L, 60L, 20L, 5L

GENERAL INSTRUCTIONS

Lupins only: This product will reduce rhizobium inoculum levels on inoculated seed and should only be used on seed to be sown in ground where existing soil inoculum levels will provide adequate nodulation. Spray inoculation is not recommended.

This product should be used as part of an integrated disease management strategy, particularly in areas with high disease pressure. Where possible, the following disease management practices should be used in conjunction with Rovral Liquid Seed Dressing:

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| <ul style="list-style-type: none"> * Stubble Retention * Direct Drilling * Correct Seeding Depth * Correct Rotations | <ul style="list-style-type: none"> * Clean Seed Source * Correct Seeding Rate * Avoid Late Sowing |
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Mixing

Shake the container well before using. Add the required volume of Rovral Liquid Seed Dressing to the water whilst agitating.

Application

Lupins only: Slowly add the mixture to the seed and mix thoroughly ensuring thorough coverage of the seed.

Potatoes only: Ensure good coverage of seed material and planting furrow. This can be achieved by applying Rovral Liquid Seed Dressing as a fine spray to the seed at the time of planting using spray equipment mounted on the planter, and nozzles located at three points on each planter row to ensure uniform coating of the seed.

A minimum water volume of 80 L/tonne should be used.

Further information can be obtained from a FMC Australasia Pty Ltd representative.

Fungicide Resistance Warning

Rovral Liquid Seed Dressing Fungicide is a member of the dicarboximide group of fungicides. For fungicide resistance management the product is a Group 2 fungicide. Some naturally occurring individual fungi resistant to the product and other Group 2 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi will not be controlled by this product or other Group 2 fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi is difficult to detect prior to use, FMC Australasia Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant fungi.

PRECAUTIONS

Do not use treated seed for animal (including poultry) or human consumption. Do not allow treated seed to contaminate grain/other seed intended for animal or human consumption. Do not feed treated seed, or otherwise expose, to wild or domestic birds.

Store treated seed away from feed, other grain or seeds. The containers or bags should be clearly marked to show that the contents have been treated with Rovral Liquid Seed Dressing Fungicide. Bags which have held treated seed should not be used for any other purpose. Any seed not used for sowing should be destroyed.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Toxic to aquatic organisms. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area out of direct sunlight. Protect from frost. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

SAFETY DIRECTIONS

Avoid contact with eyes and skin, and avoid inhalation of vapour. Wear suitable protective clothing, gloves and goggles. If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (telephone 13 11 26). If swallowed, do NOT induce vomiting. Give a glass of water.

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet, which can be obtained from FMC Australasia Pty Ltd

FOR 24 HOUR SPECIALIST ADVICE
IN EMERGENCY ONLY
PHONE 1800 033 111

APVMA Approval No.: 40394/58584

DIRECTIONS FOR USE

| CROP | DISEASE | STATE | RATE | CRITICAL COMMENTS |
|----------|---|-------------------|--|---|
| Lupins | Brown leaf spot (<i>Pleiochaeta setosa</i>), rhizoctonia hypocotyl rot (<i>Rhizoctonia solani</i>) (suppression only) | WA only | Pre-sowing Treatment (Feb-May) 100-400 mL/ 100 kg seed Post-harvest Treatment (Dec-Jan) 400 mL/ 100 kg seed | Mix with water and apply in a total volume of 600 mL mixture/100 kg seed using suitable seed dressing application equipment. Ensure thorough coverage of seed. Use in conjunction with other disease management practices. See General Instructions for details. Use high rate in areas likely to be exposed to high disease pressure. (e.g. Central and Eastern Wheat Belt areas with close rotations and a history of brown leaf spot or where other disease management practices are not followed). Application of Rovral Liquid Seed Dressing will provide suppression of hypocotyl rot and can reduce pleiochaeta root rot in some situations. |
| | Brown leaf spot (<i>Pleiochaeta setosa</i>) | NSW, Vic, SA only | 100-500 mL /100 kg seed in 500 mL water | Apply using suitable seed dressing application equipment. Ensure thorough coverage of seed. Use high rate in areas likely to be exposed to high disease pressure. (e.g. areas with close rotations and a history of brown leaf spot or where other disease management practices are not followed). Application can reduce pleiochaeta root rot in some situations. |
| Potatoes | Hypocotyl rot (black scurf) (<i>Rhizoctonia solani</i>) | All States | 800 mL/ tonne seed material | Rovral Liquid Seed Dressing will protect emerging shoots from hypocotyl rot, improving overall germination. Rovral Liquid Seed Dressing may also reduce occurrence of black scurf on the harvested potatoes. Ensure good coverage of seed material and planting furrow. DO NOT plant into waterlogged soil. |

NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

WITHHOLDING PERIOD (Harvest & Grazing)

Lupins, potatoes: NOT REQUIRED WHEN USED AS DIRECTED.