

# CAUTION

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

# **Vanquish**<sup>TM</sup> *Seed Treatment*

ACTIVE CONSTITUENT: 250 g/L IPRADIONE

SOLVENT: 316 g/L LIQUID HYDROCARBONS

**GROUP B 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 as specified in the DIRECTIONS FOR USE table.**

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

**Contents: 10 Litres**

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Tel: (08) 8268 5700 Fax: (08) 8268 7555

**Crompton**

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Crompton Specialties Pty Ltd  
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Crompton

### 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 Vanquish Seed Treatment 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	Vanquish Seed Treatment will protect emerging shoots from hypocotyl rot, improving overall germination. Vanquish Seed Treatment 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.**

### WITHOLDING PERIOD (Harvest & Grazing)

Lupins, potatoes: NOT REQUIRED WHEN USED AS DIRECTED.

### 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 Vanquish Seed Treatment:

- Stubble Retention
- Direct Drilling
- Correct Seeding Depth
- Correct Rotations
- Clean Seed Source
- Correct Seeding Rate
- Avoid Late Sowing

### FUNGICIDE RESISTANCE WARNING

GROUP **B** FUNGICIDE

Vanquish Seed Treatment is a member of the dicarboximide group of fungicides. For fungicide resistance management the product is a Group B fungicide. Some naturally occurring individual fungi resistant to the product and other Group B 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 B 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, Crompton Specialties accepts no liability for any losses that may result from the failure of this product to control resistant fungi.

### MIXING

Shake the container well before using. Add the required volume of Vanquish Seed Treatment 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 Vanquish Seed Treatment 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 Crompton Specialties Pty Ltd representative.

### 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 Vanquish Seed Treatment. 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. Read the "Storage and Disposal" instructions on the label that is attached to the container.

### 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, *Phone Australia* 131 126.

### MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet.

### CONDITIONS OF SALE

Crompton Specialties Pty Ltd will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply or use of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Crompton Specialties Pty Ltd is limited to the replacement of the goods or (at the option of Crompton Specialties Pty Ltd) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to Crompton Specialties Pty Ltd within thirty days of delivery.

® Vanquish is a registered trademark of a subsidiary of Crompton Corporation.

In a Transport Emergency Dial  
**000**  
Police or Fire Brigade

SPECIALIST ADVICE  
IN EMERGENCY ONLY  
**1800 033 111**  
ALL HOURS - AUSTRALIA WIDE

APVMA Approval Number: 57981/0204

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